



DEPARTMENT OF PERMITTING, ENVIRONMENT, AND REGULATORY  
AFFAIRS (PERA)  
BOARD AND CODE ADMINISTRATION DIVISION  
**NOTICE OF ACCEPTANCE (NOA)**

MIAMI-DADE COUNTY, FLORIDA  
PRODUCT CONTROL SECTION  
11805 S.W. 26<sup>th</sup> Street, Room 208  
Miami, Florida 33175-2474  
T (786) 315-2590 F (786) 315-2599  
<http://www.miamidade.gov/economy/>

Mistik Trade, Inc.  
7600 NW 70<sup>th</sup> Avenue  
Parkland, FL 33067

**SCOPE:**

This NOA is being issued under the applicable rules and regulations governing the use of construction materials. The documentation submitted has been reviewed and accepted by Miami-Dade County PERA-Product Control Section to be used in Miami-Dade County and other areas where allowed by the Authority Having Jurisdiction (AHJ).

This NOA shall not be valid after the expiration date stated below. The Miami-Dade County Product Control Section (In Miami-Dade County) and/or the AHJ (in areas other than Miami-Dade County) reserve the right to have this product or material tested for quality assurance purposes. If this product or material fails to perform in the accepted manner, the manufacturer will incur the expense of such testing and the AHJ may immediately revoke, modify, or suspend the use of such product or material within their jurisdiction. PERA reserves the right to revoke this acceptance, if it is determined by Miami-Dade County Product Control Section that this product or material fails to meet the requirements of the applicable building code. This product is approved as described herein, and has been designed to comply with the Florida Building Code, including the High Velocity Hurricane Zone.

**DESCRIPTION: Series 10-0" Outswing Glazed Wood Door – L.M.I.**

**APPROVAL DOCUMENT:** Drawing No. **08-154**, series titled "Outswing Wood Doors Glazed – Large and Small Missile Impact Rated", sheets 1 through 12 of 12, dated 09/06/08 with the latest revision dated 06/19/12, prepared by EngCo, Inc., signed and sealed by Pedro De Figueiredo, P. E., bearing the Miami-Dade County Product Control Section Revision Stamp with the Notice of Acceptance number and expiration date by the Miami-Dade County Product Control Section.

**MISSILE IMPACT RATING: Large and Small Missile Impact Resistant**

**LIMITATION:**

Glass lites wider than 36" shall have two setting blocks or approved suspension clamps per FBC requirements

**LABELING:** Each unit shall bear a permanent label with the manufacturer's name or logo, **Mistik Trade SAC, Av. San Luis 2546 Ofic. 5C San Borja, Lima – Peru**, series, and following statement: "Miami-Dade County Product Control Approved", unless otherwise noted herein.

**RENEWAL** of this NOA shall be considered after a renewal application has been filed and there has been no change in the applicable building code negatively affecting the performance of this product.

**TERMINATION** of this NOA will occur after the expiration date or if there has been a revision or change in the materials, use, and/ or manufacture of the product or process. Misuse of this NOA as an endorsement of any product, for sales, advertising or any other purposes shall automatically terminate this NOA. Failure to comply with any section of this NOA shall be cause for termination and removal of NOA.

**ADVERTISEMENT:** The NOA number preceded by the words Miami-Dade County, Florida, and followed by the expiration date may be displayed in advertising literature. If any portion of the NOA is displayed, then it shall be done in its entirety.

**INSPECTION:** A copy of this entire NOA shall be provided to the user by the manufacturer or its distributors and shall be available for inspection at the job site at the request of the Building Official.

This NOA revises NOA No. **09-0223.03** and consists of this page 1 and evidence pages E-1 and E-2, as well as approval document mentioned above.

The submitted documentation was reviewed by **Jaime D. Gascon, P. E.**



*J. Gascon*  
*7/26/12*

NOA No. 12-0622.04  
Expiration Date: June 10, 2014  
Approval Date: July 26, 2012  
Page 1

**NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED**

**A. DRAWINGS**

1. Manufacturer's die drawings and sections.  
*(Submitted under previous NOA No. 09-0223.03)*
2. Drawing No. **08-154**, series titled "Outswing Wood Doors Glazed – Large and Small Missile Impact Rated", sheets 1 through 12 of 12, dated 09/06/08 with the latest revision dated 06/19/12, prepared by EngCo, Inc., signed and sealed by Pedro De Figueiredo, P. E.

**B. TESTS**

1. Test reports on: 1) Air Infiltration Test, per FBC, TAS 202-94  
2) Uniform Static Air Pressure Test, Loading per FBC, TAS 202-94  
3) Water Resistance Test, per FBC, TAS 202-94  
4) Large Missile Impact Test per FBC, TAS 201-94  
5) Cyclic Wind Pressure Loading per FBC, TAS 203-94  
6) Forced Entry Resistance Test, per FBC 2411 3.2.1, TAS 202-94.  
along with marked-up drawings and installation diagram of Outswing Wood Doors, prepared by American Test Lab of South Florida, Test Report No. **ATLSF 0915.01-06**, dated 09/10/08, signed and sealed by William R. Mehner, P. E., and by Henry Hattem, P. E.  
*(Submitted under previous NOA No. 09-0223.03)*

**C. CALCULATIONS**

1. Anchor verification calculations and structural analysis, complying with FBC-2007, prepared by EngCo, Inc., dated 08/09/08, signed and sealed by Pedro De Figueiredo, P. E.  
*(Submitted under previous NOA No. 09-0223.03)*
2. Glazing complies with ASTM E 1300-04

**D. QUALITY ASSURANCE**

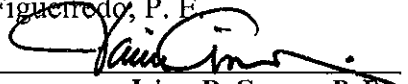
1. Miami-Dade Department of Permitting, Environment, and Regulatory Affairs (PERA).

**E. MATERIAL CERTIFICATIONS**

1. Notice of Acceptance No. **08-0709.04** issued to Glasslam N.G.I., Inc. for their "Safety-Plus II Laminated Glass" dated 09/11/08, expiring on 08/07/13.

**F. STATEMENTS**

1. Statement letter of no financial interest, conformance and complying with **FBC-2010**, dated 06/19/12, signed, sealed and issued by Pedro De Figueiredo, P. E.

  
Jaime D. Gascon, P. E.  
Product Control Section Supervisor  
NOA No. 12-0622.04  
Expiration Date: June 10, 2014  
Approval Date: July 26, 2012

NOTICE OF ACCEPTANCE: EVIDENCE SUBMITTED

**F. STATEMENTS (CONTINUED)**

2. Laboratory addendum letter for Test Report No. **ATLSF-0915.01-06**, issued by American Test Lab of South Florida, 04/16/09, signed and sealed by William R. Mehner, P. E. and by Henry Hattem, P. E.  
*(Submitted under previous NOA No. 09-0223.03)*
3. Laboratory compliance letter for Test Report No. **ATLSF-0915.01-06**, issued by American Test Lab of South Florida, 09/10/08, signed and sealed by William R. Mehner, P. E. and by Henry Hattem, P. E.  
*(Submitted under previous NOA No. 09-0223.03)*
4. Distributor Agreement document in conformance to Product Control guidelines signed by Carlos Nieto (Manufacturer) and Mirtha Abad (Distributor).  
*(Submitted under previous NOA No. 09-0223.034)*

**G. OTHERS**

1. Notice of Acceptance No. **09-0223.03**, issued to Mistik Trade, Inc. for their Series **"Outswing Glazed Wood Door – L.M.I."**, approved on 06/10/09 and expiring on 06/10/14.

  
Jaime D. Gascon, P. E.

Product Control Section Supervisor

NOA No. 12-0622.04

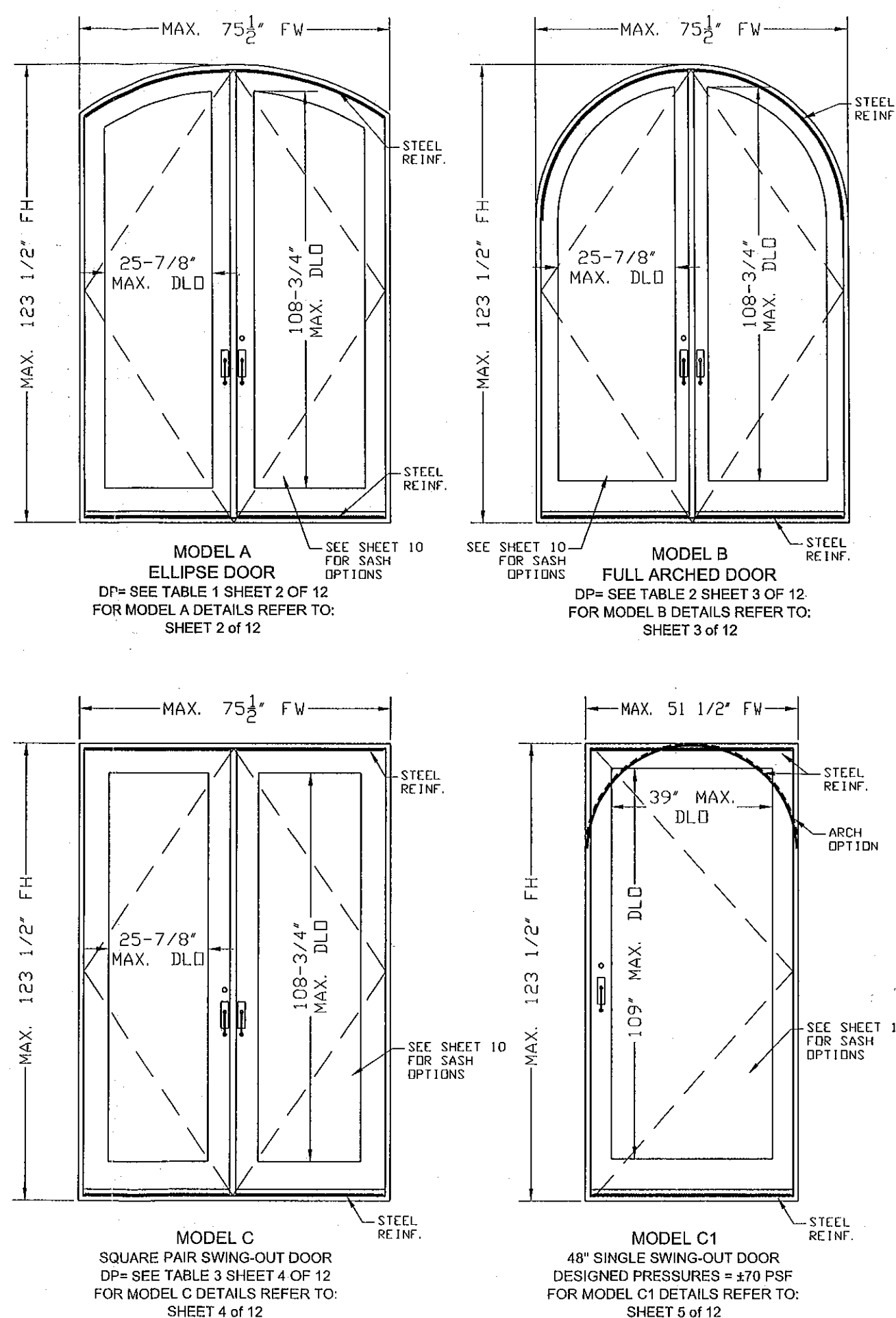
Expiration Date: June 10, 2014

Approval Date: July 26, 2012

TABLE OF CONTENTS:	
SHEET	DESCRIPTION
1 of 12	GENERAL NOTES & MODEL TYPES
2 of 12	MODEL A ELEVATIONS
3 of 12	MODEL B ELEVATIONS
4 of 12	MODEL C ELEVATIONS
5 of 12	MODEL C1 ELEV.
6 of 12	TYPICAL SECTIONS
7 of 12	TYPICAL SECTIONS
8 of 12	FRAMING ANCHORAGE
9 of 12	CLADDING OPTIONS
10 of 12	SASH OPTIONS, ARCH SASH ASSEMBLY
11 of 12	SASH & FRAMING ASSEMBLY
12 of 12	COMPONENTS.

**GENERAL NOTES:**  
**FLORIDA BUILDING CODE 2010 HVHZ**  
**LARGE & SMALL MISSILE IMPACT RATED**

- 1- CODE: THIS PRODUCT HAS BEEN TESTED AND DESIGNED IN COMPLIANCE WITH THE FLORIDA BUILDING CODE 2010 HIGH VELOCITY HURRICANE ZONE (HVHZ).
- 2- DEFINITION: THIS PRODUCT IS A MAHOGANY WOOD TYPE DOOR DESIGNED, CONSTRUCTED AND TESTED TO PROVIDE PROTECTION FROM HURRICANE FORCE WINDS AND WIND BORNE DEBRIS (LARGE AND SMALL MISSILE) WITHIN THE ALLOWABLE DESIGNED PRESSURES AND LIMITATIONS STATED IN THIS APPROVAL.
- 3- POSTING:
- "MISTIK TRADE INC.  
 PARKLAND - FLORIDA  
 MIAMI-DADE COUNTY PRODUCT CONTROL APPROVED"
- 4- LOADS: DESIGNED LOAD CALCULATED BASED ON THE ASCE 7-10 AND PROVIDED BY A PROFESSIONAL ARCHITECT OR ENGINEER FOR EACH SPECIFIC PROJECT. THE CALCULATED DESIGNED PRESSURE MUST NOT EXCEED THE ALLOWABLE PRESSURES HERE IN SPECIFIED. THE DESIGN PRESSURES, AS DETERMINED FROM ASCE 7-10, ARE TO BE MULTIPLE BY 0.6
- 5- MATERIAL: GLAZING TO BE IMPACT LAMINATED GLASS AS SPECIFIED ON THIS APPROVAL.
- 6- FASTENERS: ASSEMBLY SCREWS AND ANCHORS SHALL BE AS SPECIFIED IN THE CURRENT SET OF DRAWINGS. INSTALLATION AND LOADS AS PER THIS APPROVAL. ANCHOR QUANTITY & SPACING MUST NOT EXCEED THE MAXIMUM LIMITS SPECIFIED BY THIS APPROVAL.
- 7- USE: IT SHALL BE THE RESPONSIBILITY OF THE CONTRACTOR, ARCHITECT OR ENGINEER OF RECORD TO VERIFY THE FOLLOWING:
- 7.1- THE STABILITY OF THE STRUCTURE WHERE THE PRODUCT IS TO BE ATTACHED INSURING PROPER ANCHORAGE.
- 7.2- THE SITE SPECIFIC PROJECT CRITERIA, SUCH AS BUT NOT LIMITED TO, LOCAL CODE REQUIREMENTS, DESIGNED PRESSURES ETC.
- 7.3- THAT THIS APPROVAL IS ADEQUATE TO THE SPECIFIC PROJECT.
- 8- 33 1/3% INCREASE IN ALLOWABLE LOADS HAVE NOT BEEN USED IN THE DESIGN OF THE ANCHORS FOR THIS PRODUCT APPROVAL, HOWEVER, WOOD SCREWS WITH 1.6 INCREASE FOR WIND LOAD DURATION HAVE BEEN USED.
- 9- DISSIMILAR MATERIALS: MATERIALS, INCLUDING BUT NOT LIMITED TO STEEL, THAT COME IN CONTACT WITH OTHER DISSIMILAR MATERIALS SHALL MEET THE REQUIREMENTS OF 2010 FLORIDA BUILDING CODE.
- 10- WOOD SPECIES: ALL WOOD PARTS SHALL BE TRUE MAHOGANY WITH THE MINIMUM SPECIFIC GRAVITY OF G=0.45 OR ANY NATURALLY DURABLE WOOD IN COMPLIANCE WITH THE MINIMUM GRADE 2 AND THE SPECIFIC GRAVITY GREATER THAN G>0.45.
- 11- PROTECTION: ALL WOOD IN CONTACT WITH MASONRY AND/OR WITH CONCRETE , ETC., SHALL BE TREATED AND PROTECTED PER FLORIDA BUILDING CODE SECTIONS 2411.3.3.3, 2326.2, ETC. USING "ENVIRON END SEALER" ACRYLIC URETHANE WATER REPELLENT WOOD PRESERVATIVE AS MANUFACTURED BY PPG INDUSTRIES, INC.



MANUFACTURER:  
**MISTIK**  
**TRADE INC.**  
 7600 NW 70th Ave.  
 PARKLAND, FL. 33067  
 PH: (954)804-1757  
 FAX: (954)653-9100

PRODUCT:  
**OUTSWING WOOD**  
**DOORS**  
 GLAZED PANELS  
 LARGE & SMALL MISSILE  
 IMPACT LEVEL

ENGINEERING:  
**ENGCO INC.** CA 8116  
 5595 ORANGE DR. 201  
 DAVIE, FL. 33314  
 Tel.: (954) 585-0304  
 ENGCO@AOL.COM

**PEDRO M. DE FIGUEIREDO**  
 LICENSE  
 No. 52609  
 STATE OF  
 FLORIDA  
 PROFESSIONAL ENGINEER  
 JUN 20 2012  
 Engineer Seal  
 Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:

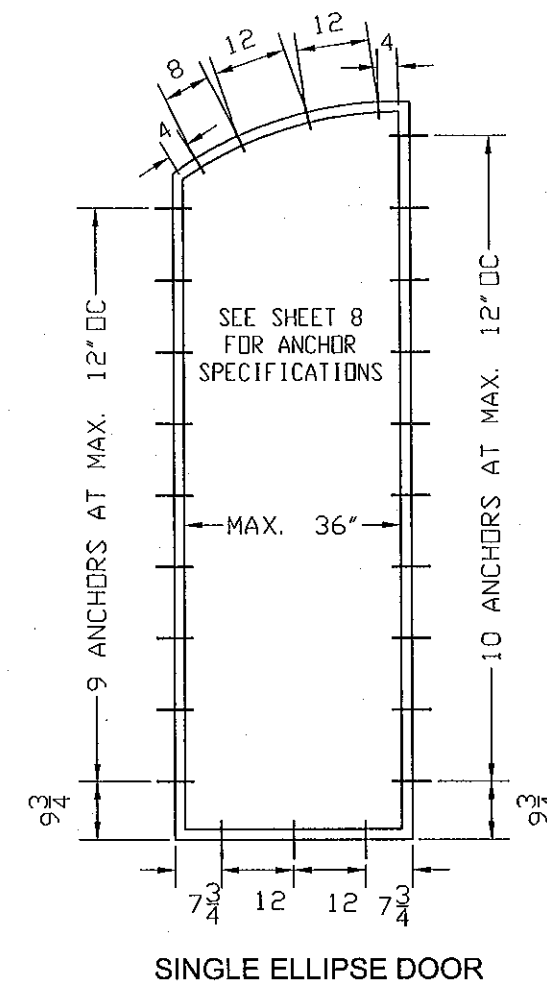
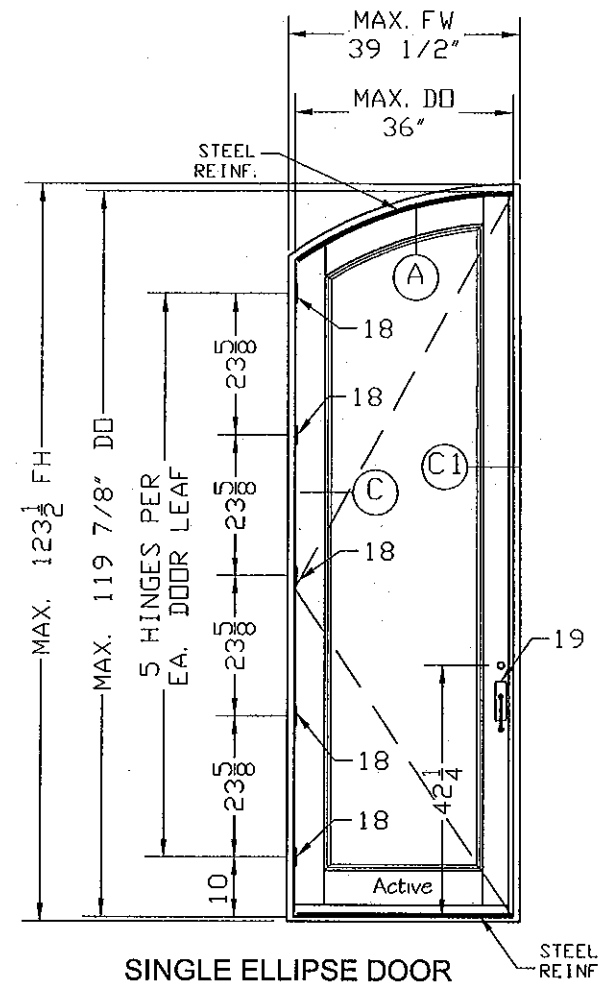
PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 12-0622 04  
 Expiration Date 06/16/2014  
 By *[Signature]*  
 Miami Dade Product Control

DATE: 06/19/2012  
 SCALE: NA  
 DESIGN BY: PPMF

SHEET  
 1 OF 12

DRAWING #:  
 12-116

### MODEL A - TYPICAL FRAME ANCHORAGE



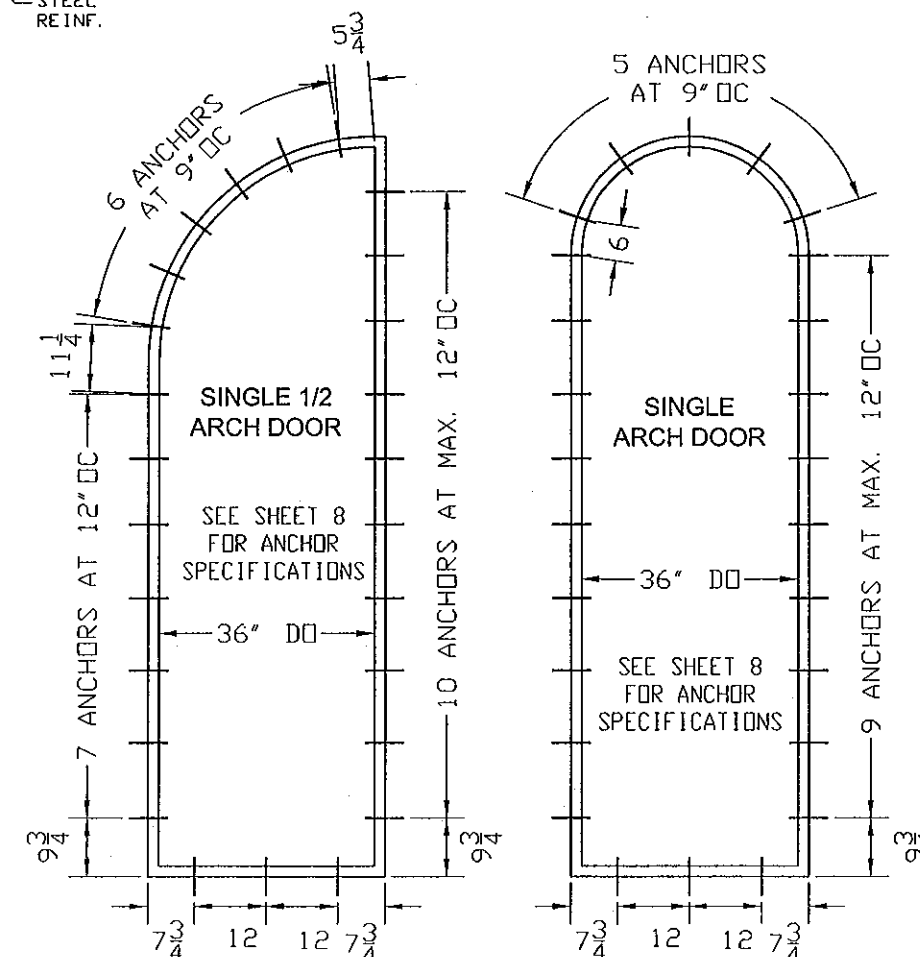
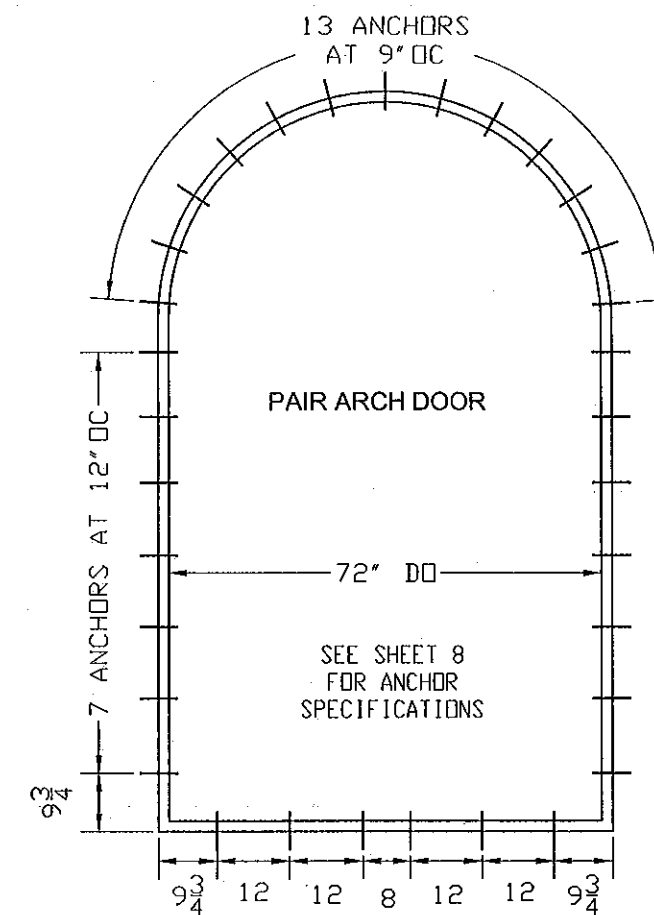
SINGLE	PAIR		RATING (PSF)	
FW	FW	FH	(+)	(-)
39.5	75.5	123.5	70	70
		111.5	70	76
		99.5	70	84
		87.5	70	90
33.5	63.5	123.5	70	80
		111.5	70	90

DRAWING #:  
12-116

### MODEL B - TYPICAL FRAME ANCHORAGE

MISTIK  
TRADE INC.

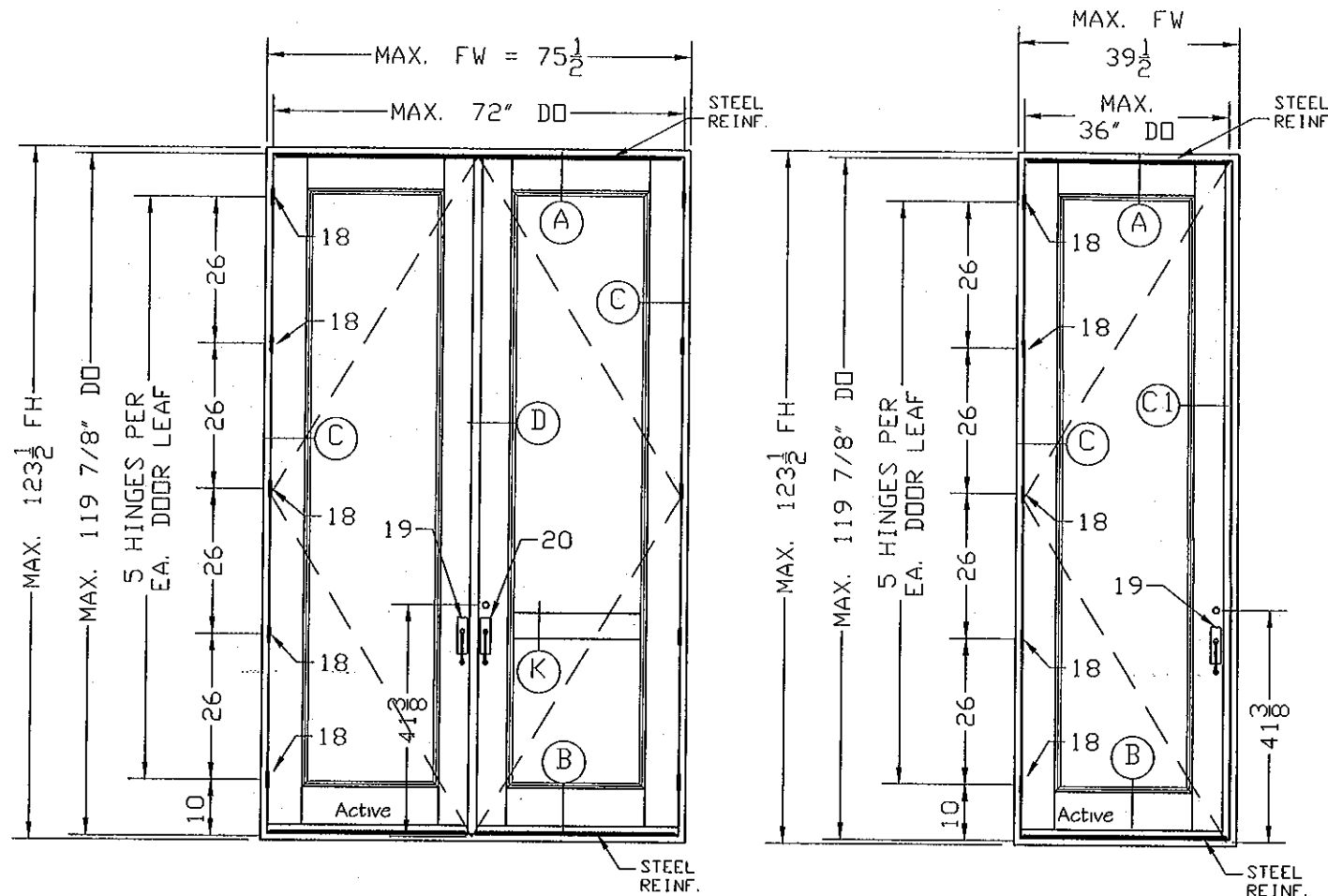
DRAWING #:  
12-116



NOTE:  
FW: FINISHED WIDTH (IN)  
FH: FINISHED HEIGHT (IN)

INACTIVE STILE (20): W&F TRILENNIUM 3020 SERIES TWO POINT LOCK SYSTEM, W/ 1" THROW AT TOP AND BOTTOM, LOCATED AT 42-1/4" TO DEAD BOLT FROM BOTTOM RAIL WITH (1) W&F ECLIPSE HANDLE ON BOTH SIDES OF THE LOCK STILE. LOCK SYSTEM WAS FASTENED TO LOCK STILE WITH (2) #10X1-1/2 PFHWS, LOCATED AT 2-1/4" FROM DOOR TOP AND BOTTOM RAILS AND (9) #10-2-1/4" PFHWS. (3) STRIKE PLATES ON THE INACTIVE DOOR ASTRAGAL LOCATED 15-1/4", 24-1/4, 53-1/4" FROM THE BOTTOM RAIL FASTENED WITH (3) #10-2-1/4 PFHWS EACH.

# MODEL C - TYPICAL ELEVATIONS



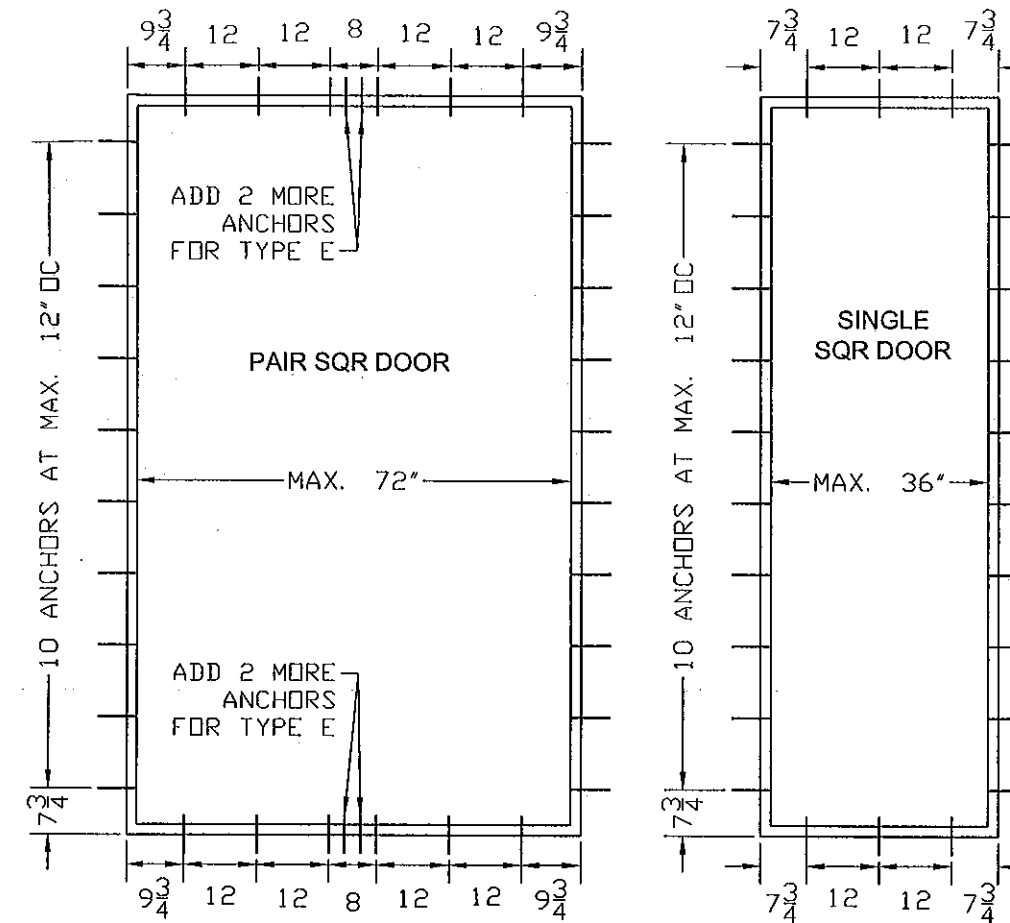
**MODEL C**  
**SQUARE SWING-OUT DOOR**  
 SINGLE DOOR (MAX. 36" X 119 7/8")  
 PAIR DOOR (MAX. 72" X 119 7/8")  
 DESIGNED LOADS  
 PD= TABLE 3

TABLE 3 - DESIGNED PRESSURE

SINGLE FW	PAIR FW	FH	RATING (PSF)	
			(+)	(-)
39.5	75.5	123.5	70	70
		111.5	70	76
		99.5	70	84
		87.5	70	90
33.5	63.5	123.5	70	80
		111.5	70	90

NOTE:  
 FW: FINISHED WIDTH (IN)  
 FH: FINISHED HEIGHT (IN)

# MODEL C - TYPICAL FRAME ANCHORAGE



SEE SHEET 8  
 FOR ANCHOR  
 SPECIFICATIONS

SEE SHEET 8  
 FOR ANCHOR  
 SPECIFICATIONS

# HARDWARE SCHEDULE

HINGES <18>: (5 PER LEAF) 5X5 HAGER BB 1279 ATTACHED TO THE DOOR STILE WITH (4) #12X1-1/4" PFHWS AND ATTACHED TO THE JAMB WITH (2) #10X2-3/4 PFHWS & (2) #12X1-1/4" PFHWS.

LOCK ACTIVE SASH <19>: W&F TRILENNIUM 3500 SERIES FIVE POINT LOCK SYSTEM, W/ 1" THROW AT TOP AND BOTTOM. LOCK SYSTEM WAS FASTENED TO LOCK STILE WITH (11) #10X1-1/2" PFHWS. DOUBLE STRIKE PLATE LOCATED ON FRAME HEAD & SILL SECURED BY (9) #8X1-1/4 PFHWS EACH. LOCK INSTALLED WITH (1) W&F ECLIPSE HANDLE ON BOTH SIDES WITH 41 3/8" FROM KEYHOLE TO BOTTOM RAIL.

INACTIVE STILE <20>: W&F TRILENNIUM 3020 SERIES TWO POINT LOCK SYSTEM, W/ 1" THROW AT TOP AND BOTTOM, LOCATED AT 41-3/8" TO DEAD BOLT FROM BOTTOM RAIL WITH (1) W&F ECLIPSE HANDLE ON BOTH SIDES OF THE LOCK STILE. LOCK SYSTEM WAS FASTENED TO LOCK STILE WITH (2) #10X1-1/2 PFHWS, LOCATED AT 2-1/4" FROM DOOR TOP AND BOTTOM RAILS AND (9) #10-2-1/4" PFHWS. (3) STRIKE PLATES ON THE INACTIVE DOOR ASTRAGAL LOCATED 14-1/2", 38-3/4", 92" FROM THE BOTTOM RAIL FASTENED WITH (3) #8-1-1/4 PFHWS EACH.

MANUFACTURER:

**MISTIK  
 TRADE INC.**

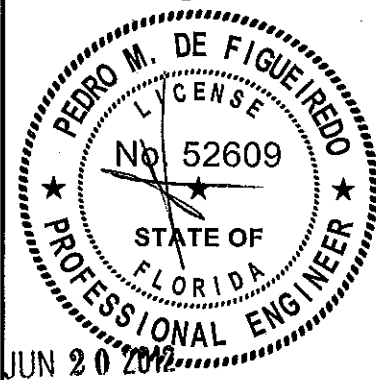
7600 NW 70th Ave.  
 PARKLAND, FL. 33067  
 PH: (954) 804-1757  
 FAX: (954) 653-9100

PRODUCT:

**OUTSWING WOOD  
 DOORS**  
 GLAZED PANELS  
 LARGE & SMALL MISSILE  
 IMPACT LEVEL

ENGINEERING:

**ENGCO INC.** CA 8116  
 5595 ORANGE DR. 201  
 DAVIE, FL. 33314  
 Tel.: (954) 585-0304  
 ENGCO@AOL.COM



JUN 20 2012  
 Engineer Seal  
 Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:

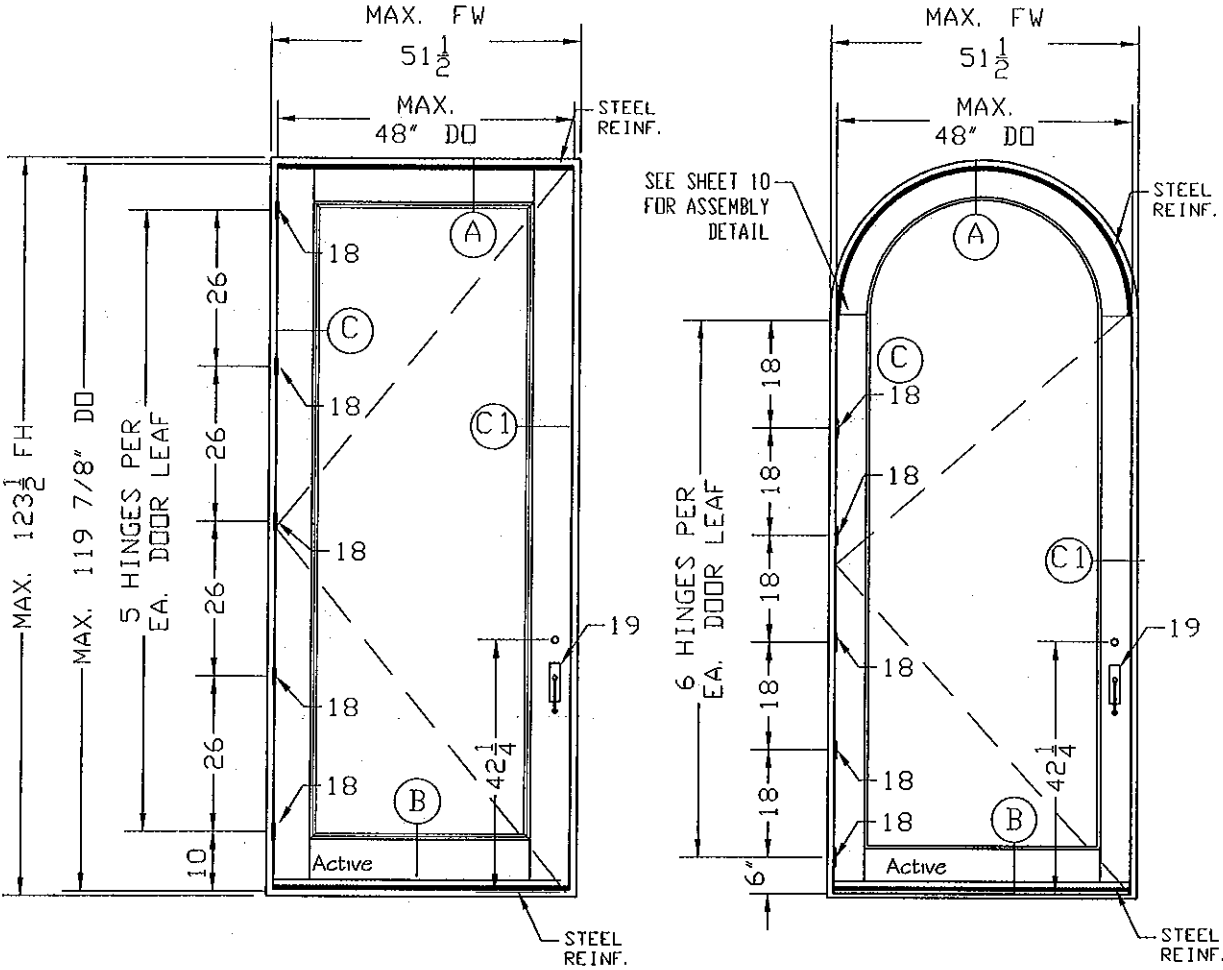
PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 12-0622.04  
 Expiration Date 06/10/2014  
 By: [Signature]  
 Miami Dade Product Control

DATE: 06/19/2012  
 SCALE: NA  
 DESIGN BY: PPMF

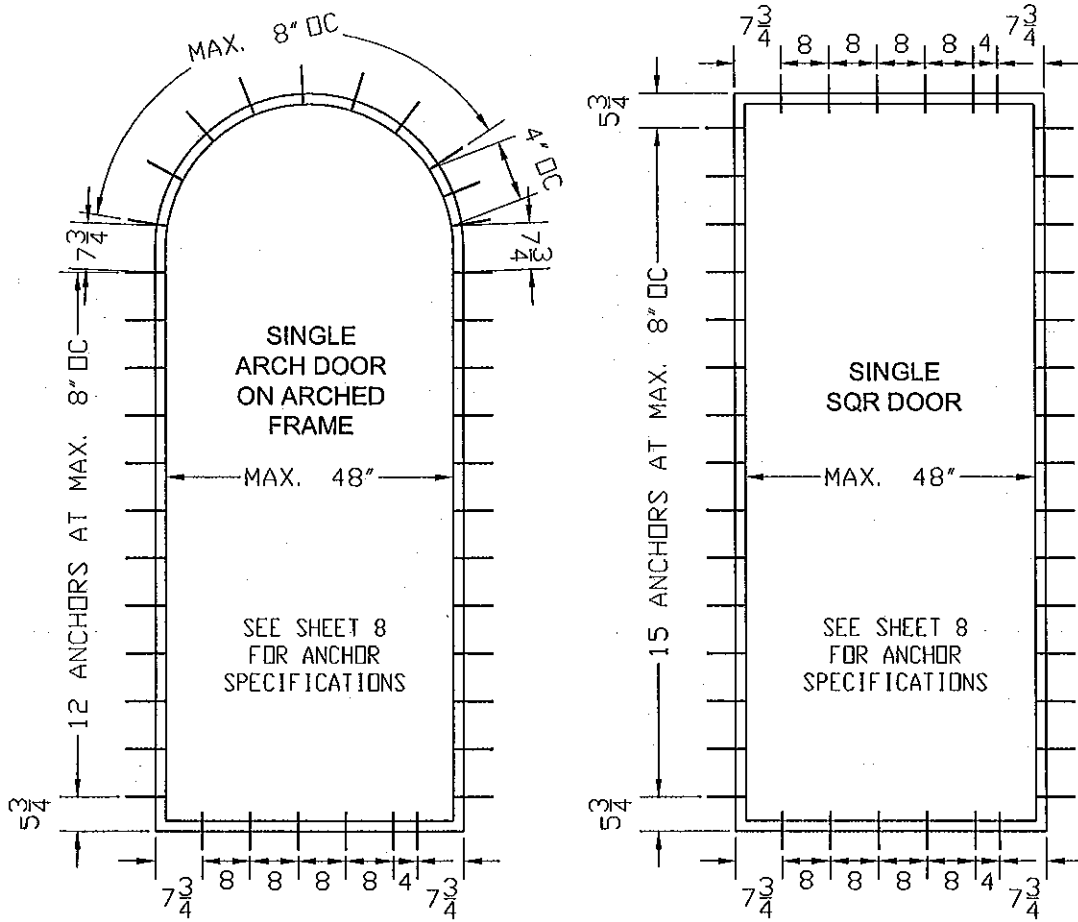
SHEET  
 4 OF 12

DRAWING #:  
 12-116

MODEL C1 - TYPICAL ELEVATION



MODEL C1  
TYPICAL FRAME ANCHORAGE



MODEL C1  
48" SINGLE SWING-OUT DOOR  
SINGLE DOOR (MAX. 48" X 119 7/8")  
DESIGNED LOADS  
PD= +70 PSF, -70 PSF

HARDWARE SCHEDULE

HINGES (18): (5 -SQUARE OR 6 ARCH) 5X5 ROCKY MOUNTAIN HINGE ATTACHED TO THE DOOR STILE WITH (4) #12X1-1/4" PFHWS AND ATTACHED TO THE JAMB WITH (2) #10X2-3/4 PFHWS & (2) #12X1-1/4" PFHWS.

LOCK ACTIVE SASH (19): W&F TRILENNIUM 3500 SERIES FIVE POINT LOCK SYSTEM, W/ 1" THROW AT TOP AND BOTTOM. LOCK SYSTEM WAS FASTENED TO LOCK STILE WITH (11) #10X1-1/2" PFHWS. LOCK INSTALLED WITH (1) W&F ECLIPSE HANDLE ON BOTH SIDES WITH 42-1/4" FROM KEYHOLE TO BOTTOM RAIL.

(3) STRIKE PLATES ON THE FRAME JAMB LOCATED 15-18", 39-3/8", 92-5/8" FROM THE SILL FASTENED WITH (3) #10-1-1/2" PFHWS EACH.

(2) STRIKE PLATES ONE AT SILL AND ONE AT HEAD

MANUFACTURER:

MISTIK  
TRADE INC.

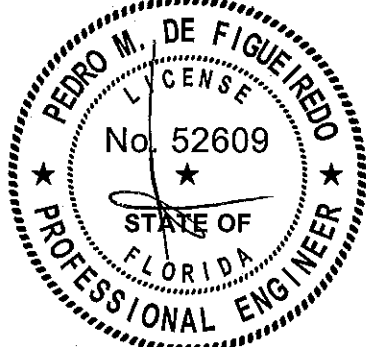
7600 NW 70th Ave.  
PARKLAND, FL. 33067  
PH: (954) 804-1757  
FAX: (954) 653-9100

PRODUCT:

OUTSWING WOOD  
DOORS  
GLAZED PANELS  
LARGE & SMALL MISSILE  
IMPACT LEVEL

ENGINEERING:

ENGCO INC. CA 8116  
5595 ORANGE DR. 201  
DAVIE, FL. 33314  
Tel.: (954) 585-0304  
ENGCO@AOL.COM



JUN 20 2012  
Engineer Seal  
Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:

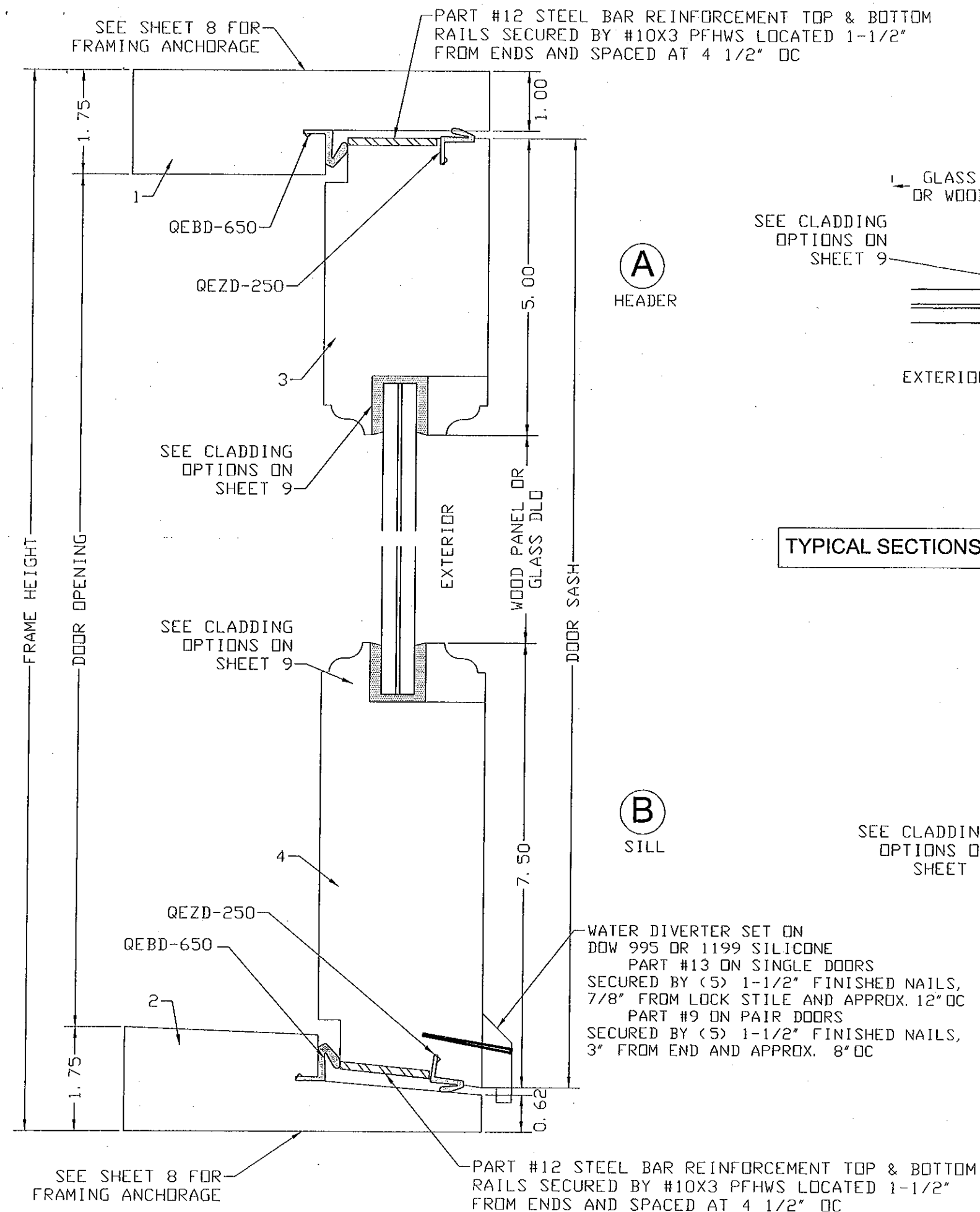
PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0622.04  
Expiration Date 06/10/2014  
By [Signature]  
Miami Dade Product Control

DATE: 06/19/2012  
SCALE: NA  
DESIGN BY: PPMF

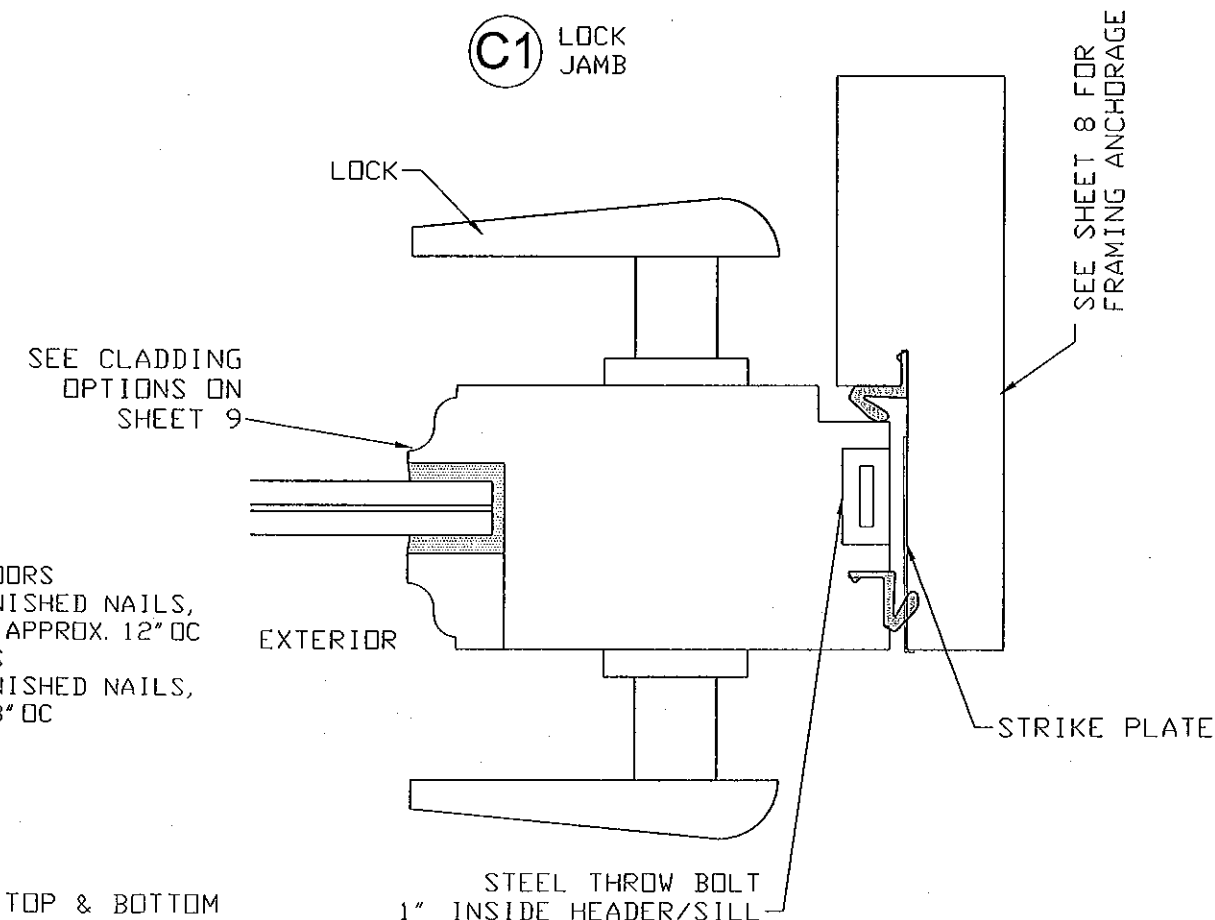
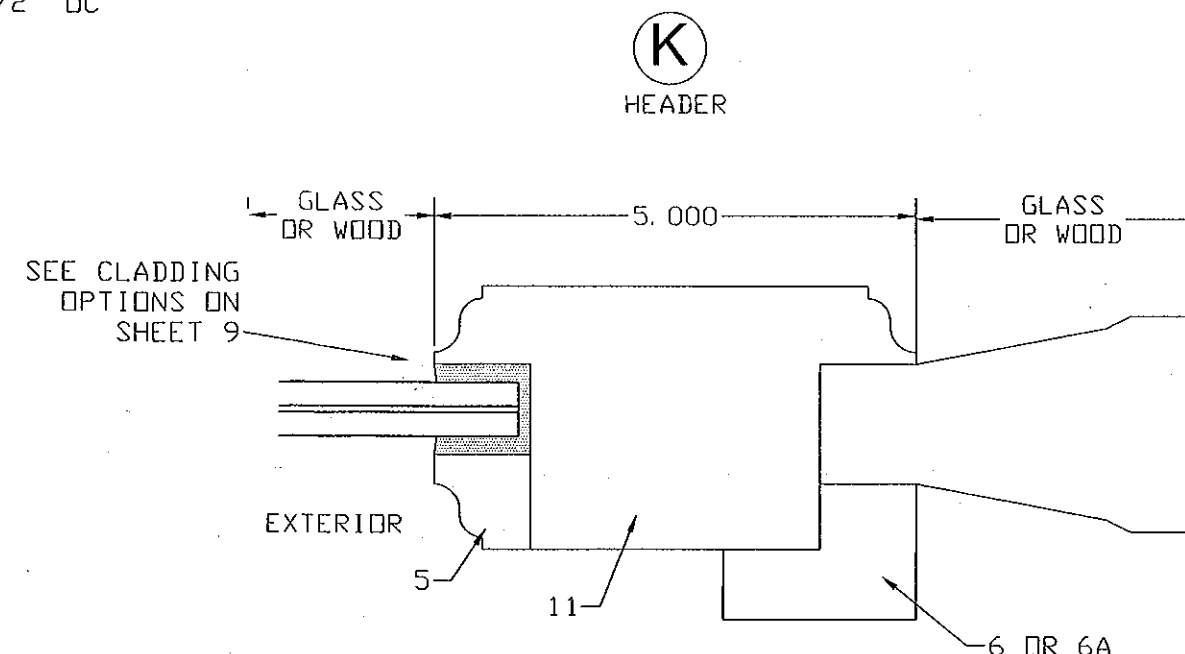
SHEET  
5 OF 12  
DRAWING #:  
12-116

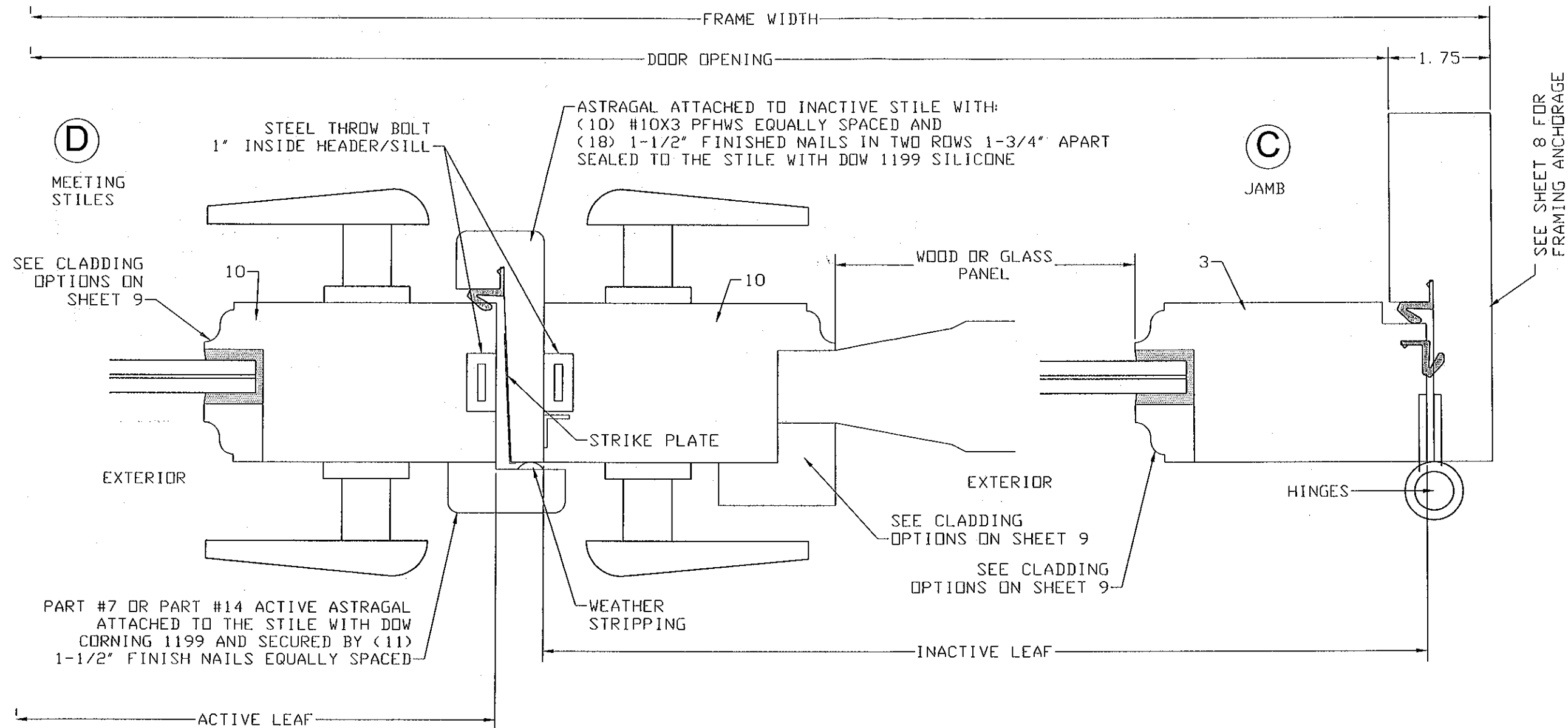


DRAWING #:  
12-116



## TYPICAL SECTIONS





#### WEATHER STRIPPING

PAIR DOORS:  
 Q-LON QEZD-250 (1) ROW AT DOOR HINGE STILE AND TOP AND BOTTOM RAILS.  
 Q-LON QEBD-650 (1) ROW AT THE FRAME HEADER, SILL AND JAMBS AND AT INACTIVE DOOR ASTRAGAL.  
 QWS-D (U-90) (1) ROW AT THE ACTIVE AND INACTIVE DOOR ASTRAGALS.  
 SCHLEGEL Q-LON CORNER SEAL AT EACH SILL CORNER

SINGLE DOORS: (Q-LON)  
 QEZD-250 (1) ROW AT DOOR HINGE AND LOCK STILES AND TOP AND BOTTOM RAILS.  
 QEBD-875 (1) ROW AT THE FRAME SILL.  
 QEBD-650 (1) ROW AT THE FRAME HEADER, SILL AND JAMBS.  
 SCHLEGEL Q-LON CORNER SEAL AT EACH SILL CORNER

MANUFACTURER:

**MISTIK  
TRADE INC.**

7600 NW 70th Ave.  
 PARKLAND, FL. 33067  
 PH: (954)804-1757  
 FAX: (954)653-9100

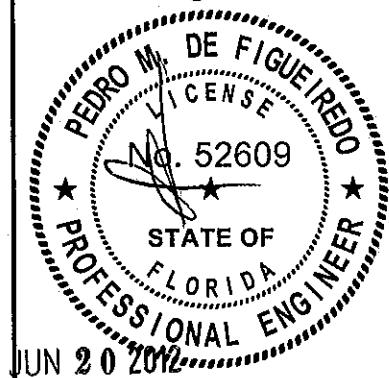
PRODUCT:

**OUTSWING WOOD  
DOORS**  
 GLAZED PANELS  
 LARGE & SMALL MISSILE  
 IMPACT LEVEL

ENGINEERING:

**ENGCO INC.** CA 8116

5595 ORANGE DR. 201  
 DAVIE, FL. 33314  
 Tel.: (954) 585-0304  
 ENGCO@AOL.COM



Engineer Seal  
 Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:

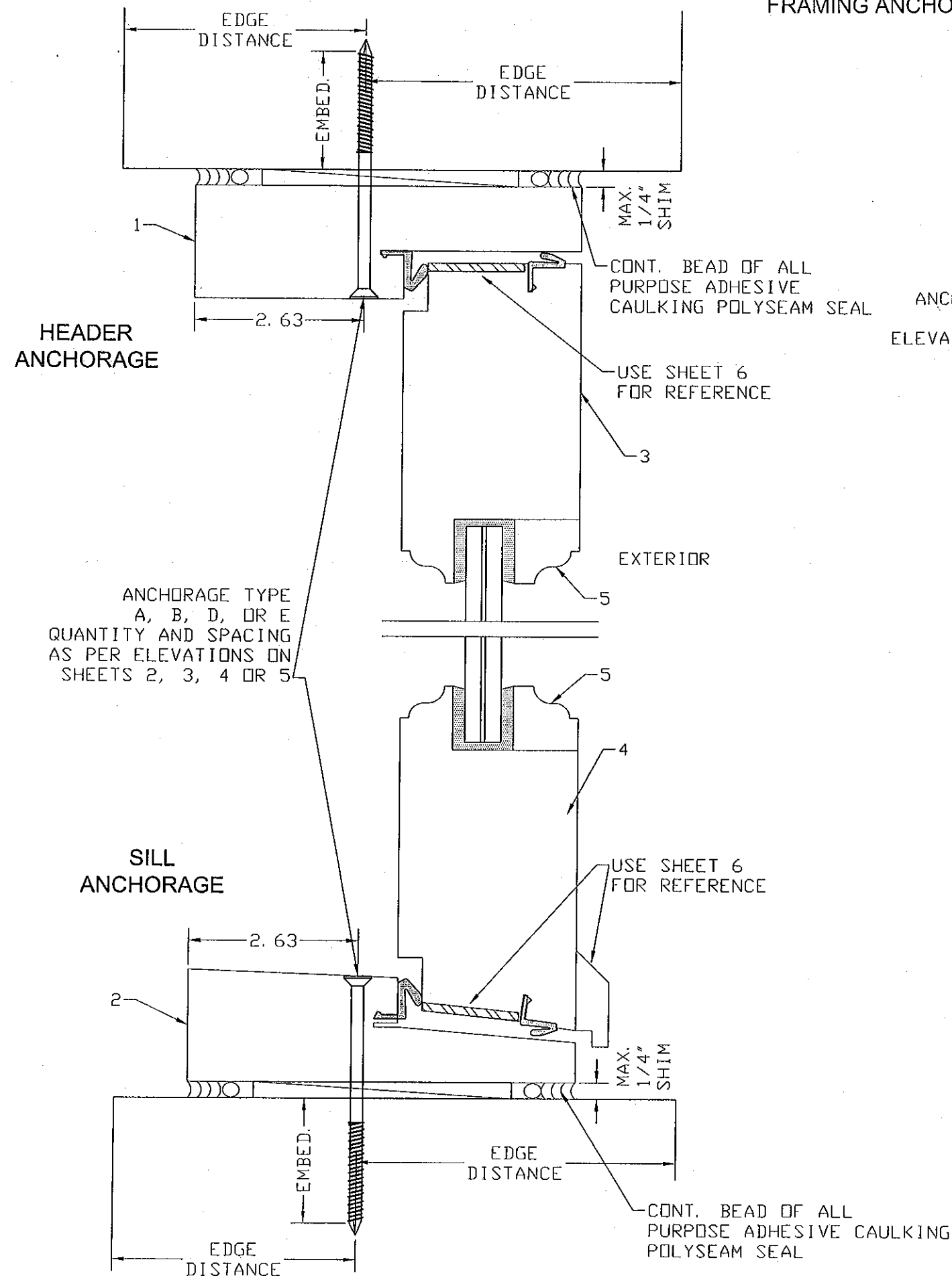
PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 12-0622.04  
 Expiration Date 06/10/2014  
 By: [Signature]  
 Miami Dade Product Control

DATE: 06/19/2012  
 SCALE: NA  
 DESIGN BY: PPMF

SHEET  
7 OF 12

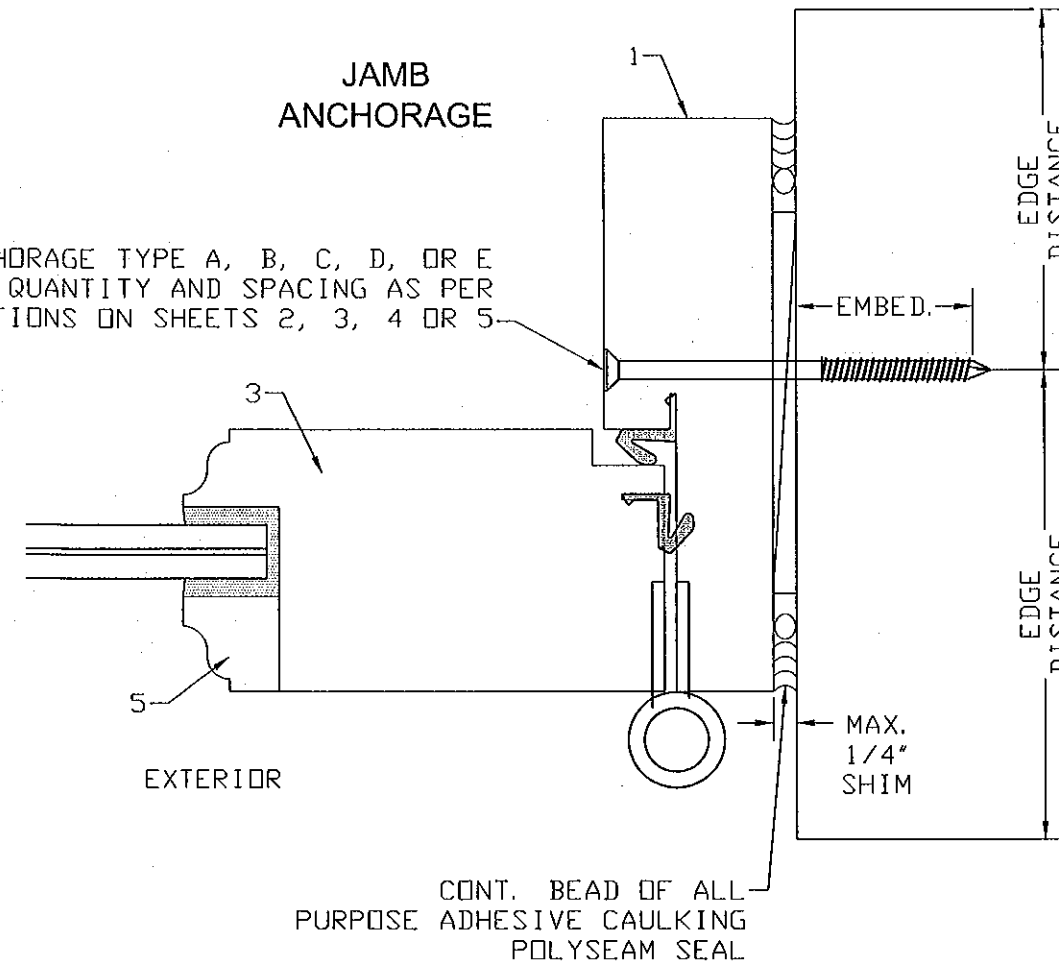
DRAWING #:  
12-116

# FRAMING ANCHORAGE



## JAMB ANCHORAGE

ANCHORAGE TYPE A, B, C, D, OR E  
QUANTITY AND SPACING AS PER  
ELEVATIONS ON SHEETS 2, 3, 4 OR 5



### ANCHOR NOTES:

- A- INTO 2X WOOD BUCK OR WOOD STRUCTURES ( $G \geq 0.55$ ):  
#10 WOOD SCREWS WITH 1 1/2" PENETRATION  
3/4" MIN. EDGE DISTANCE
- B- INTO 2X WOOD BUCK OR WOOD STRUCTURES ( $G \geq 0.55$ ):  
1/4" DIA. TAPCONS WITH 1 1/2" PENETRATION  
1" MIN. EDGE DISTANCE
- C- DIRECTLY INTO MASONRY (AT JAMBS ONLY)  
1/4" DIA TAPCONS WITH 1 1/4" MIN. EMBED  
2-1/2" MIN. EDGE DISTANCE
- D- DIRECTLY INTO CONCRETE (MIN. 3192 PSI)  
1/4" DIA TAPCONS WITH 1 3/4" MIN. EMBED  
2-1/2" MIN. EDGE DISTANCE
- E- INTO MIN. 1/8" METAL STRUCTURES. ASTM A36 STEEL OR  
6063-T5 ALUMINUM  
1/4" DIA GRADE 5 SELF DRILLING SCREWS  
1/2" MIN. EDGE DISTANCE

MANUFACTURER:

**MISTIK  
TRADE INC.**

7600 NW 70th Ave.  
PARKLAND, FL. 33067  
PH: (954) 804-1757  
FAX: (954) 653-9100

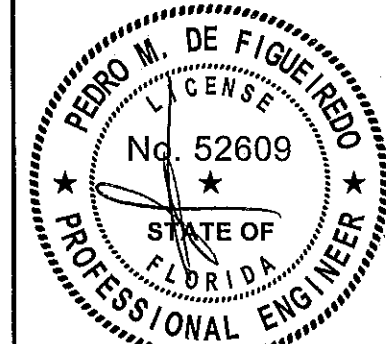
PRODUCT:

**OUTSWING WOOD  
DOORS**  
GLAZED PANELS  
LARGE & SMALL MISSILE  
IMPACT LEVEL

ENGINEERING:

**ENGCO INC.** CA 8116

5595 ORANGE DR. 201  
DAVIE, FL. 33314  
Tel.: (954) 585-0304  
ENGCO@AOL.COM



JUN 20 2012  
Engineer Seal  
Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:

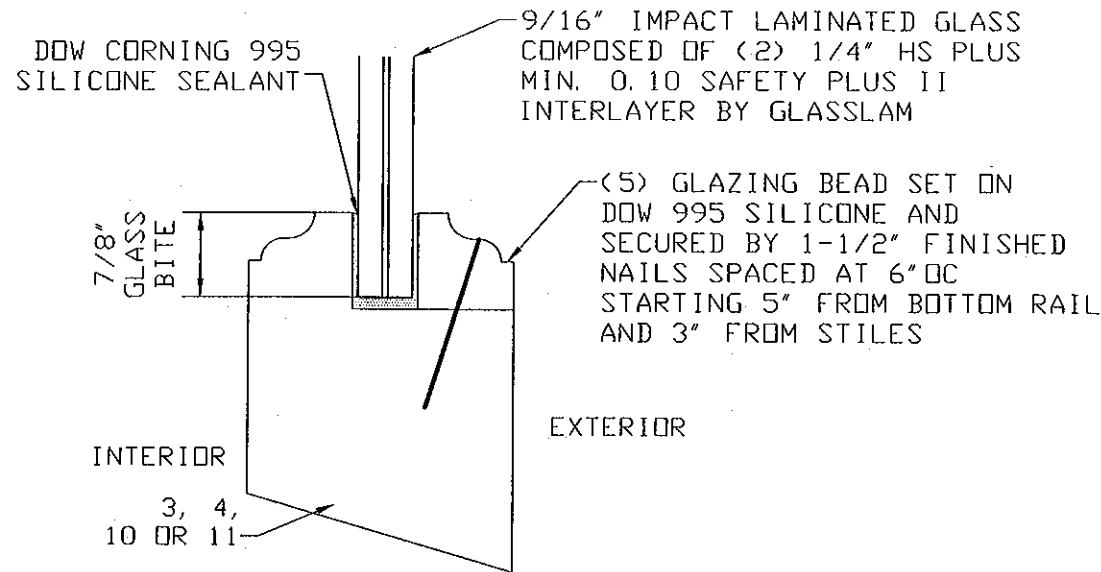
PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0622.04  
Expiration Date 06/10/2014  
By [Signature]  
Miami Dade Product Control

DATE: 06/19/2012  
SCALE: NA  
DESIGN BY: PPMF

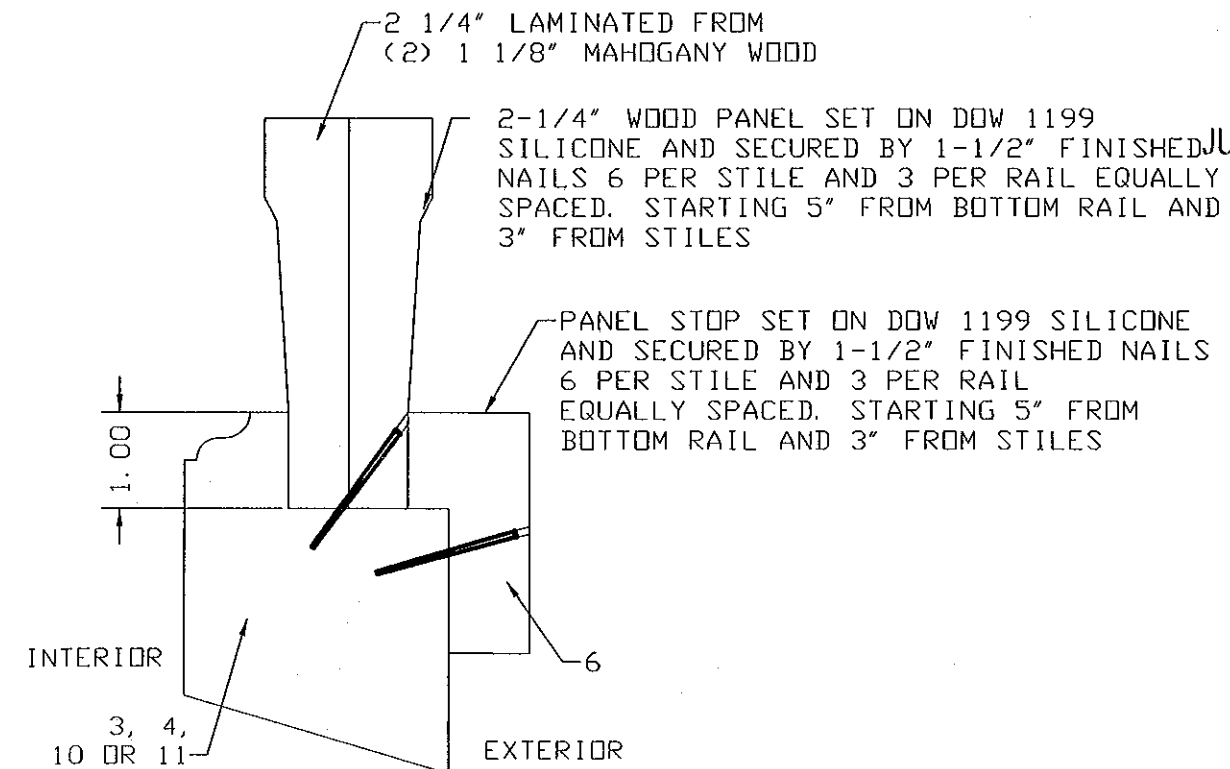
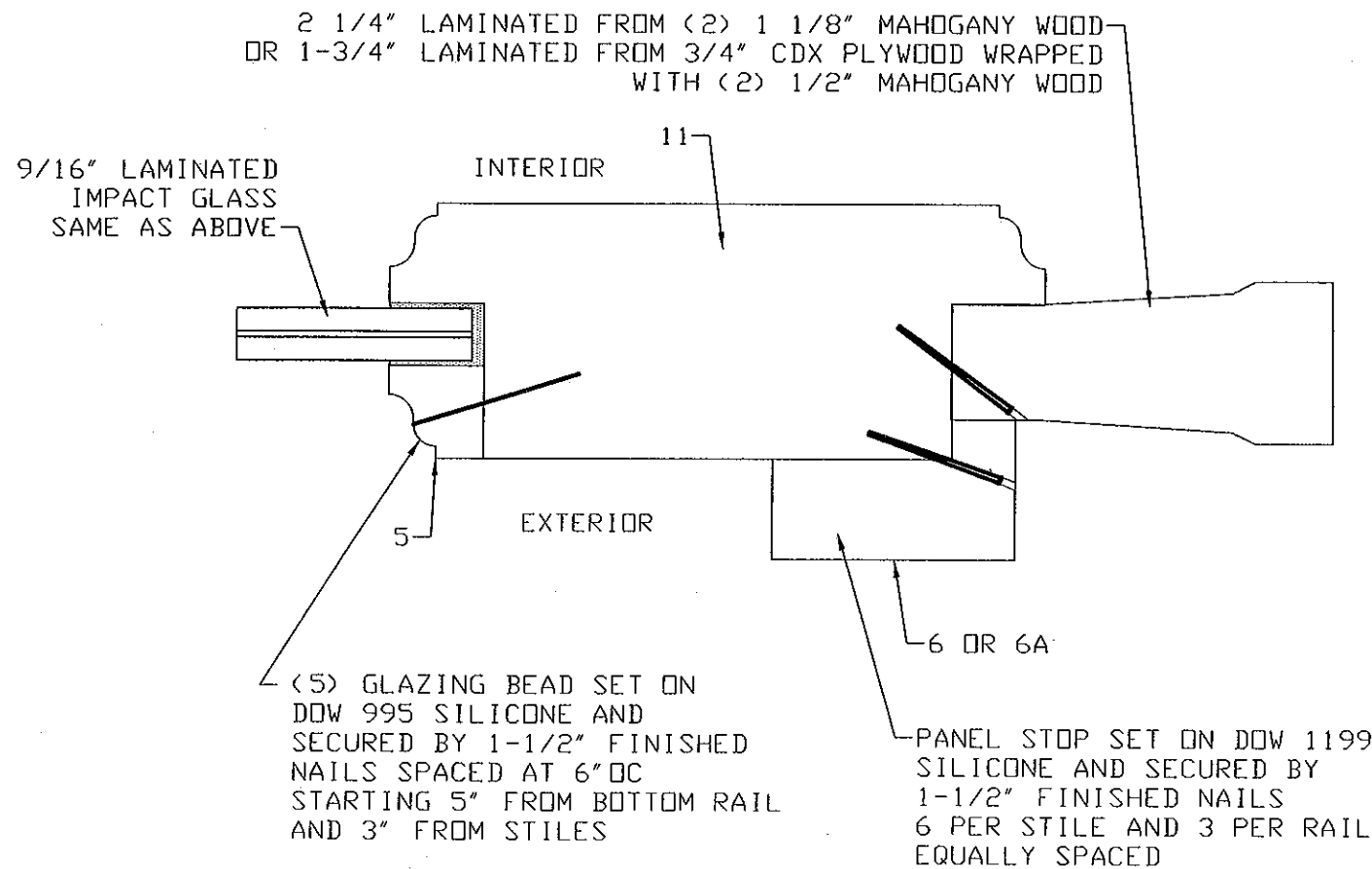
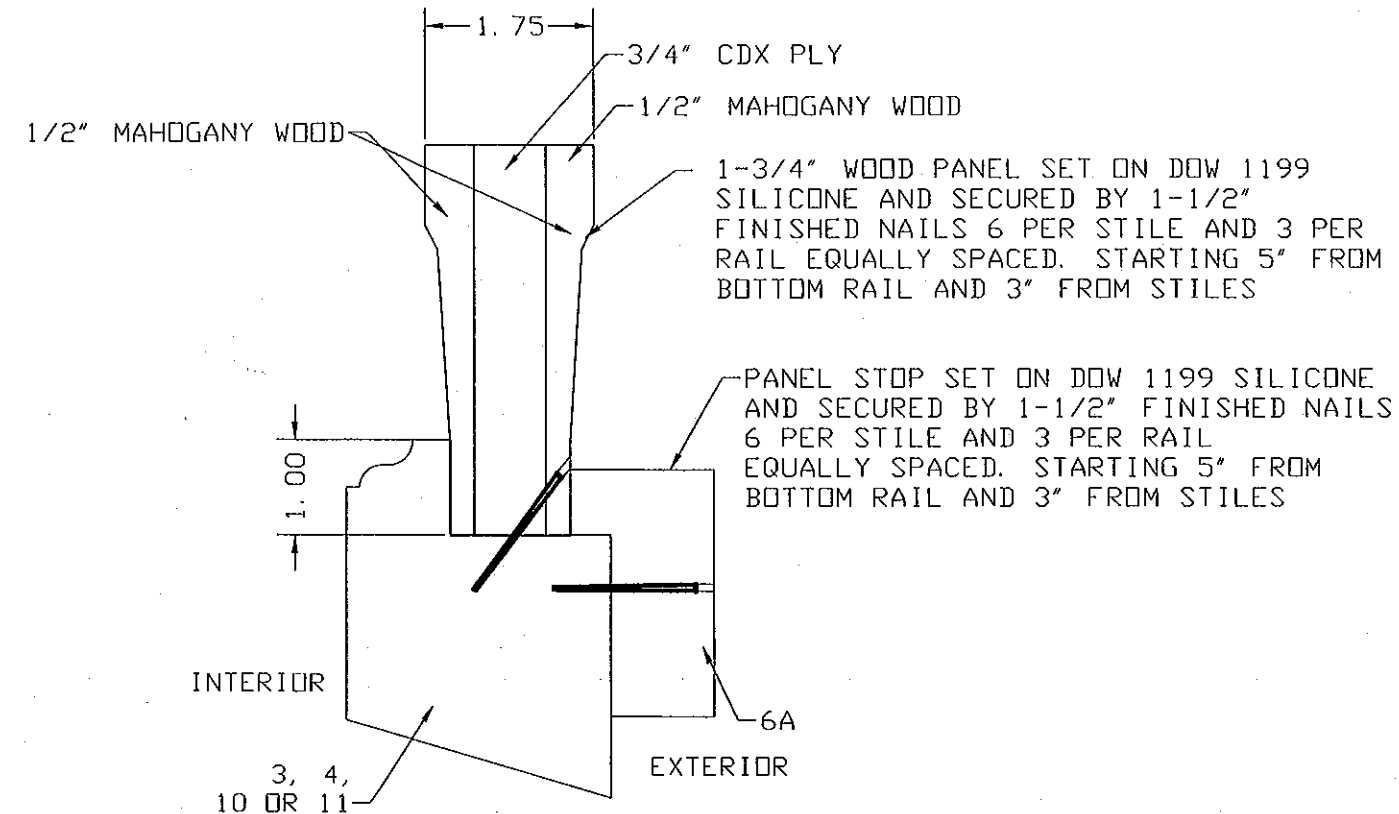
SHEET  
8 OF 12

DRAWING #:  
12-116

# CLADDING OPTIONS



MAXIMUM DAYLIGHT OPENINGS:
SINGLE DOOR: 39" x 109"
PAIR DOORS: 25-7/8" x 108-3/4"



MANUFACTURER:

## MISTIK TRADE INC.

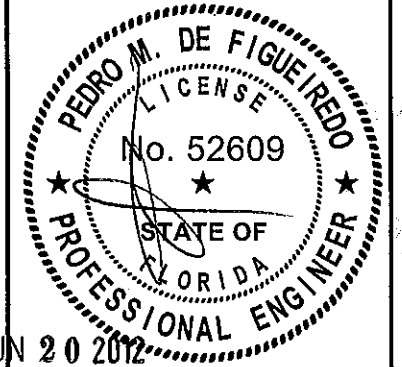
7600 NW 70th Ave.  
PARKLAND, FL. 33067  
PH: (954) 804-1757  
FAX: (954) 653-9100

PRODUCT:

**OUTSWING WOOD DOORS**  
GLAZED PANELS  
LARGE & SMALL MISSILE IMPACT LEVEL

ENGINEERING:

**ENGCO INC.** CA 8116  
5595 ORANGE DR. 201  
DAVIE, FL. 33314  
Tel.: (954) 585-0304  
ENGCO@AOL.COM



Engineer Seal  
Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:

PRODUCT REVISED  
as complying with the Florida Building Code  
Acceptance No. 12-0622.04  
Expiration Date 06/10/2014  
By *[Signature]*  
Miami Dade Product Control

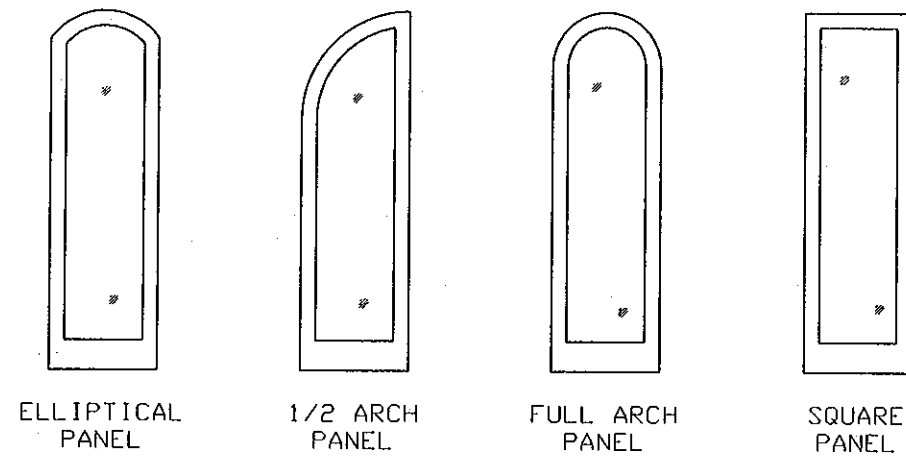
DATE: 06/19/2012  
SCALE: NA  
DESIGN BY: PPMF

SHEET  
9 OF 12

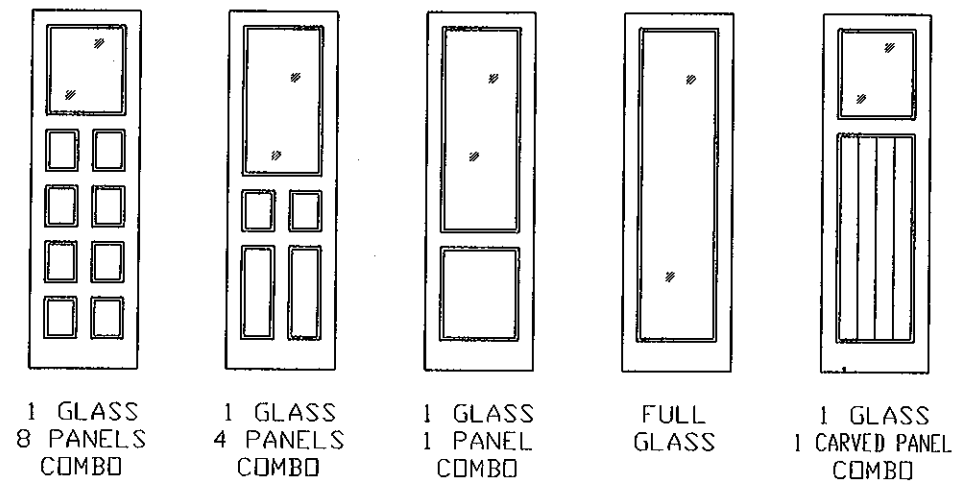
DRAWING #:  
12-116

# SASH PANEL OPTIONS

## GEOMETRIC FORMS

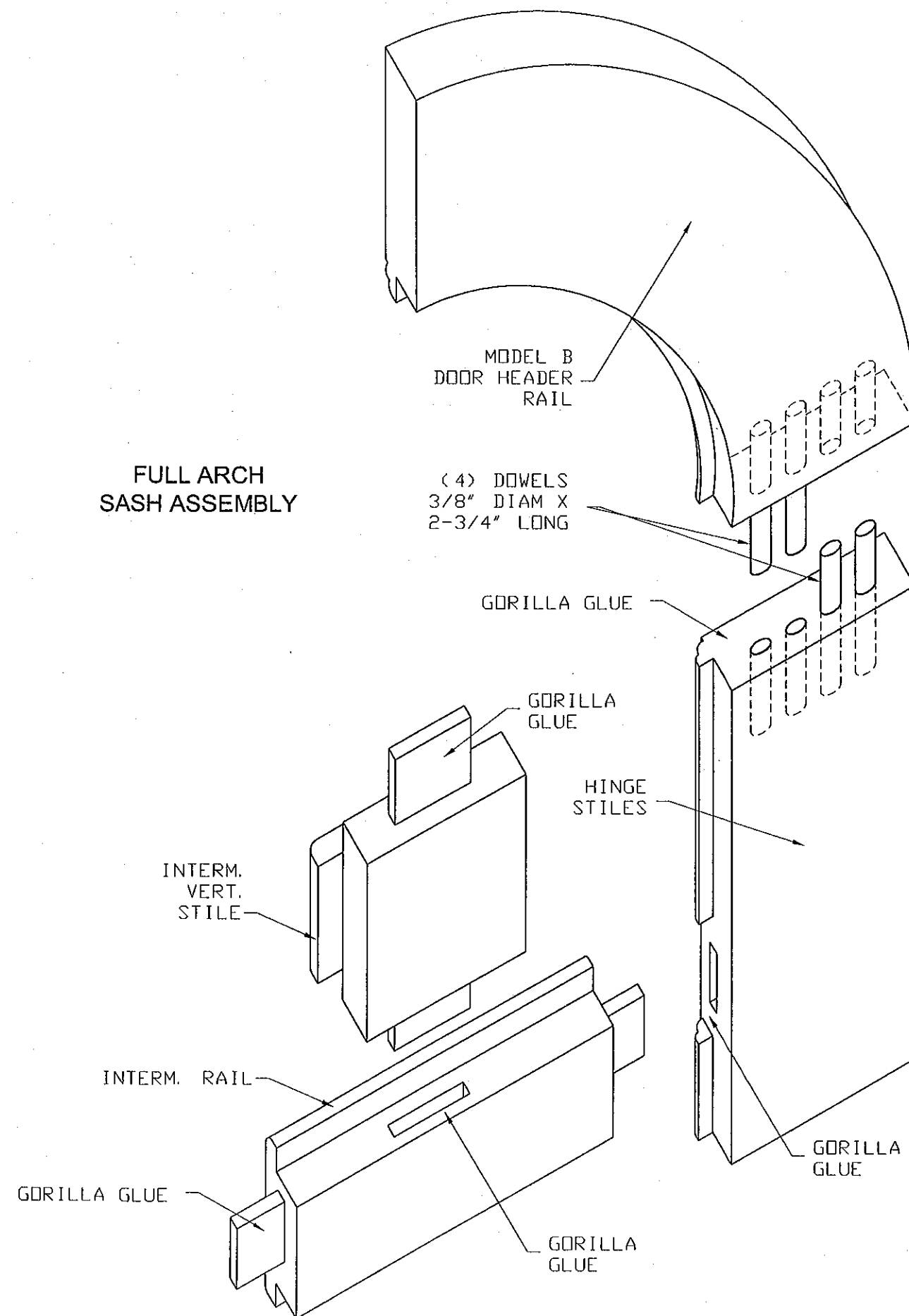


## INSERT CONFIGURATIONS FORMS



**NOTES:**  
 1- INSERT CONFIGURATIONS CAN BE USED FOR ALL GEOMETRIC FORM OPTIONS ABOVE  
 2- MAXIMUM DOOR LEAF PANEL SIZES ARE LIMITED BY THE SPECIFIED MAXIMUM OPENING IN THIS APPROVAL.  
 3- CUSTOM DESIGN PANELS CAN BE ACCOMPLISHED BY OVERLAYING MOLDINGS AND CARVING OVER A SOLID PANEL.

## FULL ARCH SASH ASSEMBLY



MANUFACTURER:

**MISTIK  
TRADE INC.**

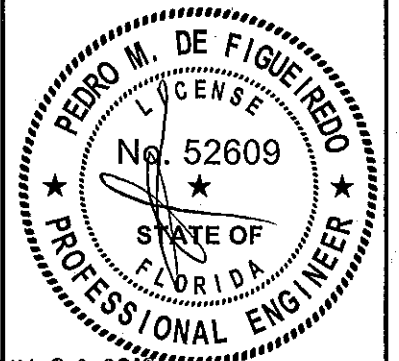
7600 NW 70th Ave.  
 PARKLAND, FL. 33067  
 PH: (954)804-1757  
 FAX: (954)653-9100

PRODUCT:

**OUTSWING WOOD  
DOORS**  
 GLAZED PANELS  
 LARGE & SMALL MISSILE  
 IMPACT LEVEL

ENGINEERING:

**ENGCO INC.** CA 8116  
 5595 ORANGE DR. 201  
 DAVIE, FL. 33314  
 Tel.: (954) 585-0304  
 ENGCO@AOL.COM



JUN 20 2012  
 Engineer Seal  
 Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:

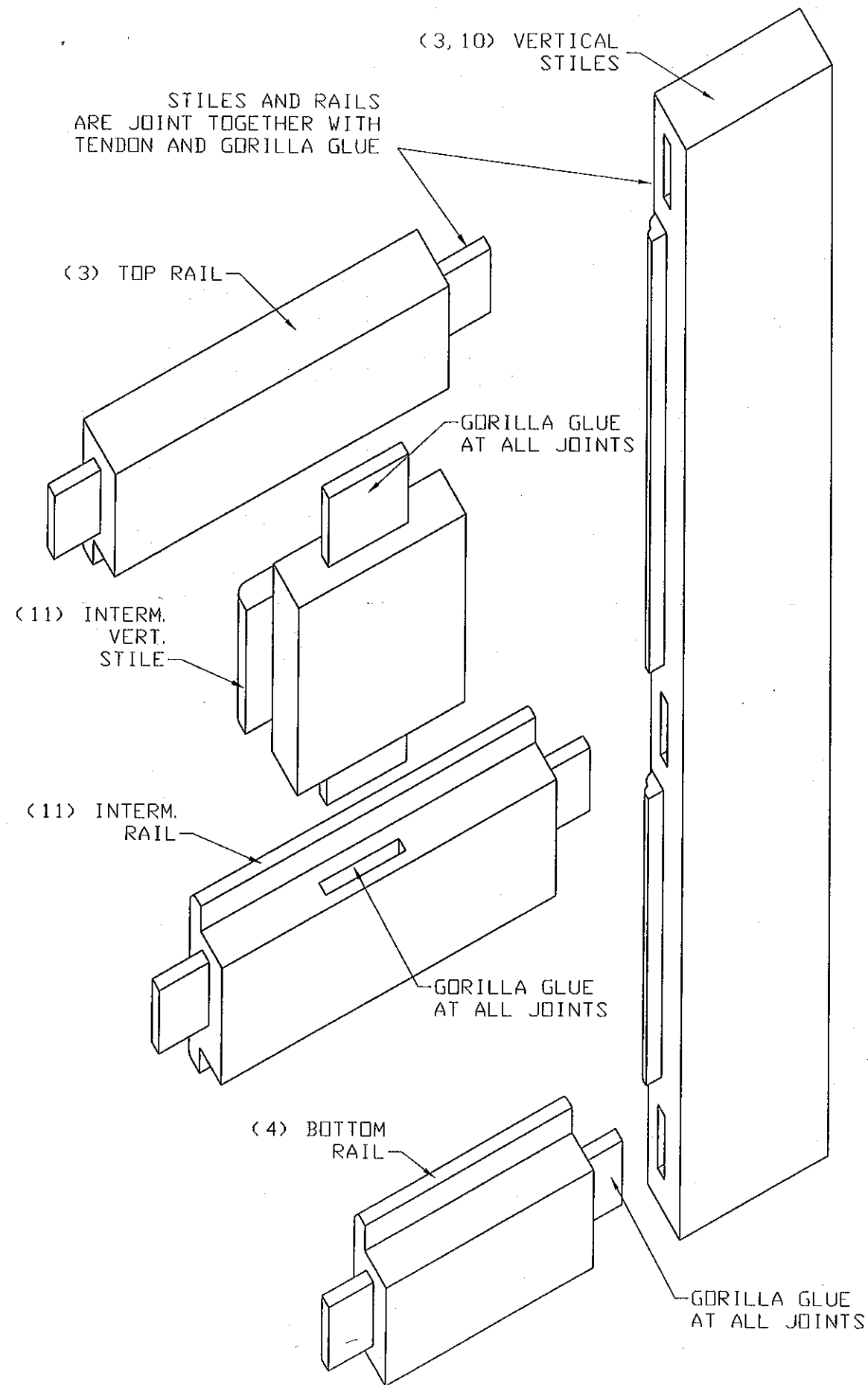
PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. 12-0622.04  
 Expiration Date 06/19/2014  
 By: [Signature]  
 Miami Dade Product Control

DATE: 06/19/2012  
 SCALE: NA  
 DESIGN BY: PPMF

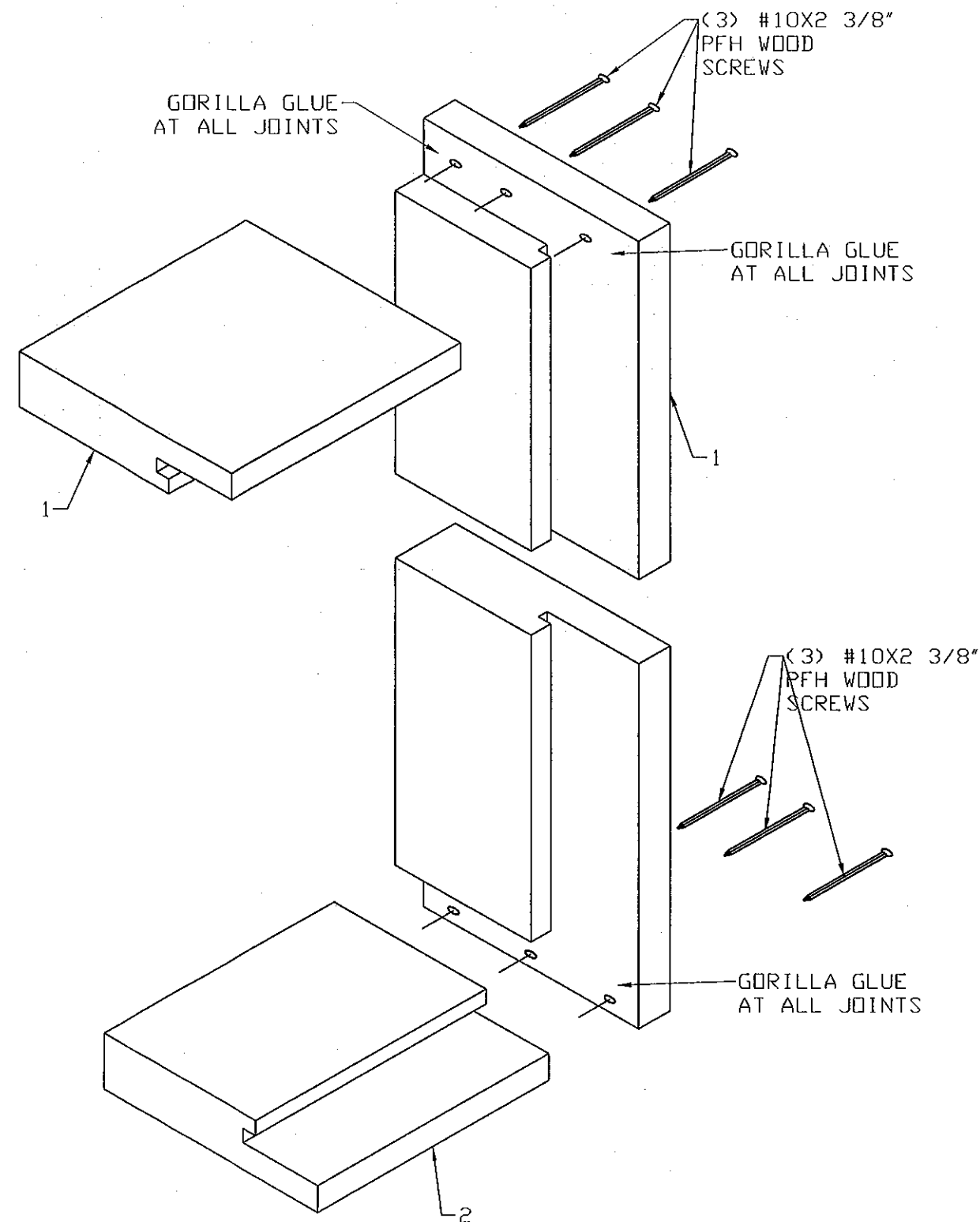
SHEET  
10 OF 12

DRAWING #:  
12-116

# TYPICAL SASH ASSEMBLY



# TYPICAL CORNER FRAMING CONSTRUCTION



MANUFACTURER:  
**MISTIK  
 TRADE INC.**  
 7600 NW 70th Ave.  
 PARKLAND, FL. 33067  
 PH: (954)804-1757  
 FAX:(954)653-9100

PRODUCT:  
**OUTSWING WOOD  
 DOORS**  
 GLAZED PANELS  
 LARGE & SMALL MISSILE  
 IMPACT LEVEL

ENGINEERING:  
**ENGCO INC.** CA 8116  
 5595 ORANGE DR. 201  
 DAVIE, FL. 33314  
 Tel.: (954) 585-0304  
 ENGCO@AOL.COM

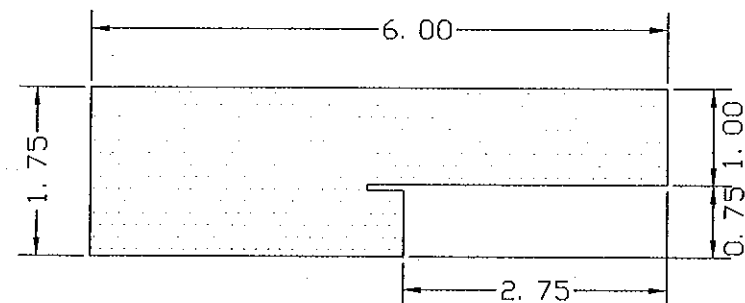
**PEDRO M. DE FIGUEIREDO**  
 LICENSE  
 No. 52609  
 STATE OF  
 FLORIDA  
 PROFESSIONAL ENGINEER  
 JUN 20 2012  
 Engineer Seal  
 Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:  
 PRODUCT REVISED  
 as complying with the Florida  
 Building Code  
 Acceptance No. **12-0622.04**  
 Expiration Date **06/10/2014**  
 By *[Signature]*  
 Miami Dade Product Control

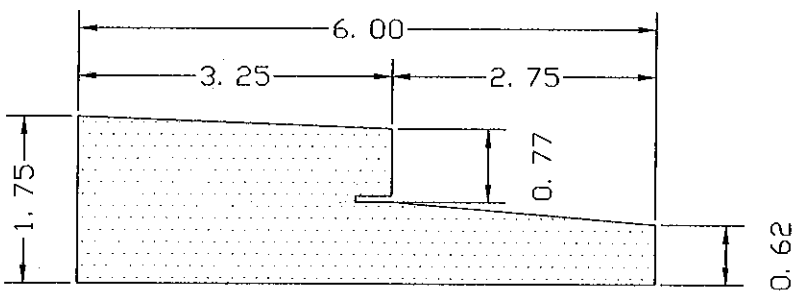
DATE: 06/19/2012  
 SCALE: NA  
 DESIGN BY: PPMF

SHEET  
 11 OF 12  
 DRAWING #:  
 12-116

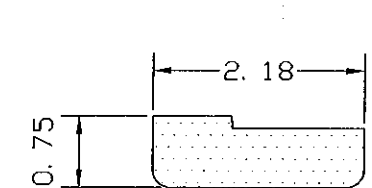
DOOR COMPONENTS



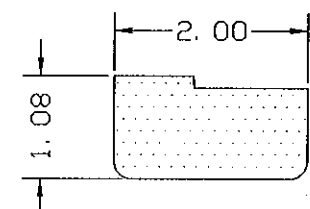
1- DOOR FRAMING HEADER AND JAMBS  
SOLID OR LAMINATED MAHOGANY



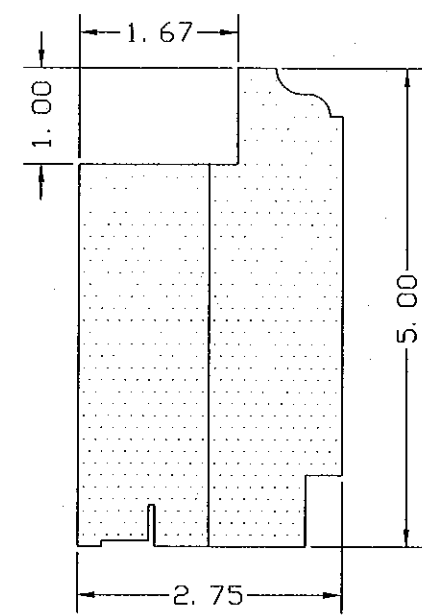
2- DOOR FRAMING SILL  
SOLID OR LAMINATED MAHOGANY



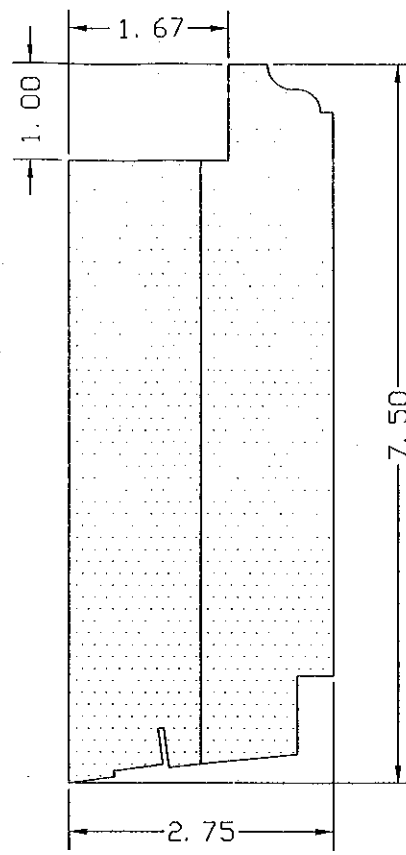
7- EXTERIOR DOOR ASTRAGAL  
SOLID MAHOGANY



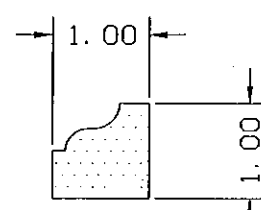
14- EXTERIOR DOOR ASTRAGAL  
SOLID MAHOGANY (SAMPLE D)



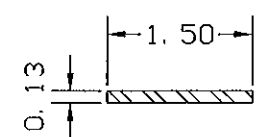
3- DOOR SASH  
TOP RAIL AND HINGE STILES  
SOLID OR LAMINATED MAHOGANY



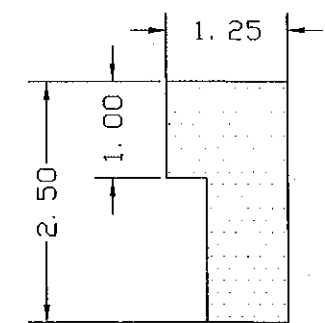
4- DOOR SASH BOTTOM RAIL  
SOLID OR LAMINATED MAHOGANY



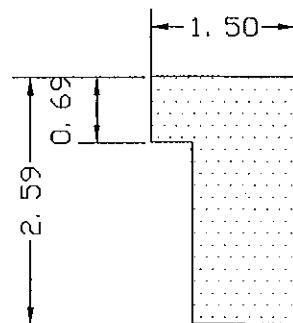
5- GLAZING STOP  
MATERIAL: MAHOGANY



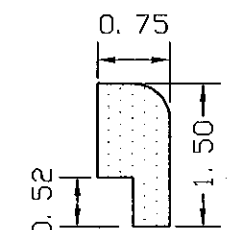
12- STEEL  
REINFORCEMENT  
ASTM A36



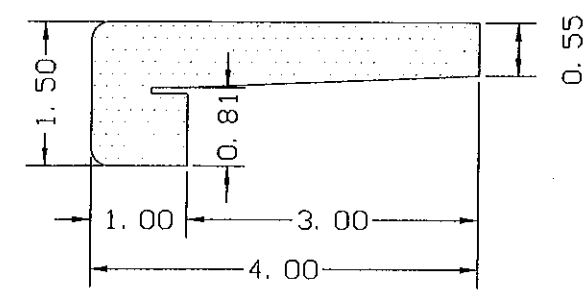
6- WOOD PANEL STOP  
SOLID MAHOGANY



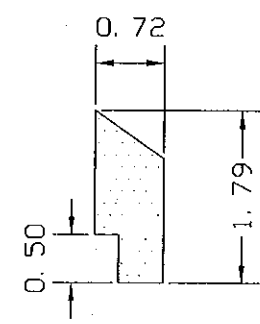
6A- WOOD PANEL STOP  
SOLID OAK



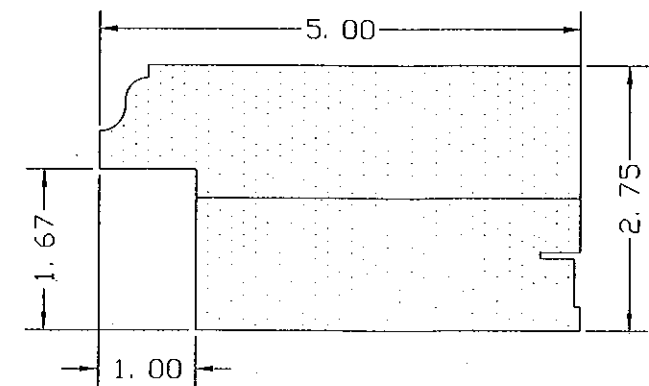
13- BOTTOM RAIL  
WATER DIVERTER  
SOLID MAHOGANY



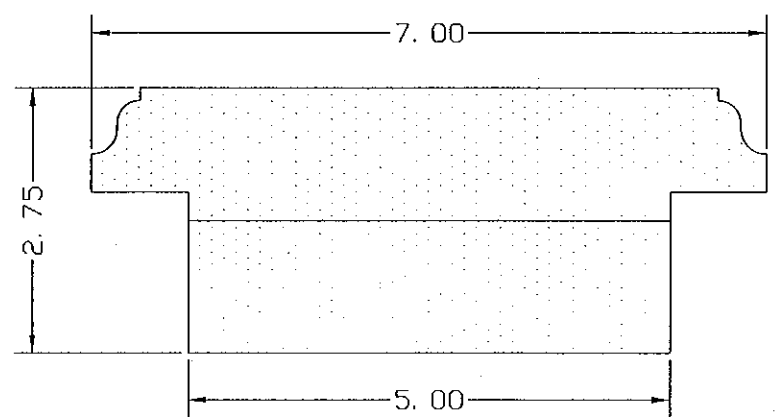
8- INTERIOR DOOR ASTRAGAL  
SOLID MAHOGANY



9- BOTTOM RAIL  
WATER DIVERTER  
SOLID MAHOGANY



10- DOOR SASH  
MEETING STILES  
SOLID OR LAMINATED MAHOGANY

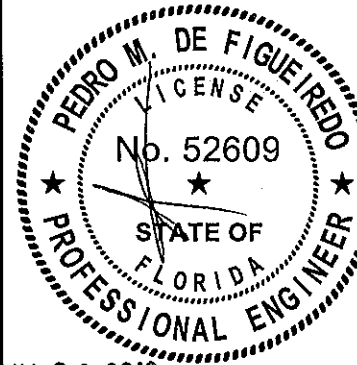


11- MID RAIL  
SOLID OR LAMINATED MAHOGANY

MANUFACTURER:  
**MISTIK  
TRADE INC.**  
7600 NW 70th Ave.  
PARKLAND, FL. 33067  
PH: (954)804-1757  
FAX: (954)653-9100

PRODUCT:  
**OUTSWING WOOD  
DOORS**  
GLAZED PANELS  
LARGE & SMALL MISSILE  
IMPACT LEVEL

ENGINEERING:  
**ENGCO INC.** CA 8116  
5595 ORANGE DR. 201  
DAVIE, FL. 33314  
Tel.: (954) 585-0304  
ENGCO@AOL.COM



JUN 20 2012  
Engineer Seal  
Pedro De Figueiredo - PE 52609

MIAMI-DADE BCCO:

PRODUCT REVISED  
as complying with the Florida  
Building Code  
Acceptance No. 12-0622.04  
Expiration Date 06/10/2014  
By *[Signature]*  
Miami Dade Product Control

DATE: 06/19/2012  
SCALE: NA  
DESIGN BY: PPMF

SHEET  
12 OF 12  
DRAWING #:  
12-116